



**APCONF6**

6<sup>th</sup> Asia-Pacific Conference  
on Maritime and Underwater  
Cultural Heritage



MINISTRY OF  
MARINE AFFAIRS AND  
FISHERIES  
REPUBLIC OF INDONESIA

# APCONF6 Conference

## Sessions Programme



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## SESSION 1A

## HISTORY AND CURRENT TRENDS OF UNDERWATER ARCHAEOLOGY AROUND EAST ASIA



Day: **Wednesday 28<sup>th</sup> October**



Chairs: **A. Iwabuchi & K. Yamafune**

| Time        | Paper                                                                                                               | Author(s)                                              |
|-------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 13:15–13:35 | Ainu Deba-Bune or Deba-Boat in Southern Hokkaido, Japan                                                             | Taichi Sato                                            |
| 13:35–13:55 | Reconstruction of Port Facilities through Historical Map Research and Maritime Archaeological Surveys               | Kentaro Minami                                         |
| 13:55–14:15 | In Search of a Hidden Harbor: Survey at Yabitsu, Tsushima Island, Japan                                             | Tomo Ishimura and Kenzo Hayashida                      |
| 14:15–14:35 | The Submerged Station of Nebukawa by the 1923 Great Kanto Earthquake                                                | T. Hayashibara                                         |
| 14:35–14:45 | <b>Discussion</b>                                                                                                   |                                                        |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                 |                                                        |
| 15:00–15:20 | Capacity Building in Underwater Archaeology on Hatsushima Island                                                    | Kazutomo Tanaka, Kotaro Yamafune, and Akifumi Iwabuchi |
| 15:20–15:40 | A Preliminary Study on the Feasibility of a National Examination for Underwater Archaeology Professionals in Taiwan | Wen-Yang Chiau                                         |
| 15:40–16:00 | Shipwreck Site in Laikang Waters, Takalar Regency, South Sulawesi                                                   | Muhammad Syaiful                                       |
| 16:00–16:15 | <b>Discussion</b>                                                                                                   |                                                        |



## SESSION 1B

## MARITIME LABOUR IN THE ASIA-PACIFIC: HISTORIES, REALITIES, AND FUTURES



Day: Friday 30<sup>th</sup> October



Chairs: Jay Mok and Jiajia Zhang

| Time        | Paper                                                                                                                    | Author(s)                     |
|-------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 09:00–09:15 | Rethinking maritime labour in Fuzhou: what the archaeology tells us about it.                                            | Guoqing Liang                 |
| 09:15–09:30 | The Fishermen's Geng: A Guide to Maritime Labour                                                                         | Jay Mok, Shou Jiaqi and Xu Lu |
| 09:30–09:45 | Hidden maritime labor: The role of museum staff in preserving and interpreting the underwater archaeological heritage    | Huỳnh Như Nguyễn, Lê Thị Cẩm  |
| 09:45–10:00 | Following the Star: Asian-Pacific cannery workers and underwater cultural heritage of Alaska                             | Evgenia Anichtchenko          |
| 10:00–10:15 | Settling Maritime Commercial Disputes in the Nineteenth Century: Sino-American Commercial and Debt Litigation, 1800-1839 | Jerry Chen                    |
| 10:15–10:30 | A Micro-Archaeology of Seascapes: Marginalised Maritime Labour in the Bay of Bengal                                      | Daniela De Simone             |
| 10:30–10:45 | <b>Discussion</b>                                                                                                        |                               |
| 10:45–11:00 | <b>Coffee Break</b>                                                                                                      |                               |
| 11:00–11:15 | Life of Shipbuilding Workers in Taiwan during the Japanese Colonial Period: An historical archaeological search          | Ellen Hsieh                   |
| 11:15–11:30 | The Hands of the Deck: Shipbuilding Laborers of the Pre-modern Korean Peninsula                                          | Min Yu Koh                    |
| 11:30–11:45 | Ambiguous Relationships: Maritime Networks and Political Authority in Gusuku-Period Ryūkyū                               | Tanya Lee                     |
| 11:45–12:00 | Brother Seamen in Arms: The Chinese Seamen's Union and the Struggle against Exclusion on the High Seas, 1922-1945        | Jiajia Zhang                  |
| 12:00–12:15 | <b>Discussion</b>                                                                                                        |                               |

## SESSION 1C

## COLLECTIONS-BASED RESEARCH IN THE ASIA PACIFIC



**Day: Saturday 31<sup>st</sup> October**



**Chairs: Jennifer Craig and Khongkamon Rattapat**

| Time        | Paper                                                                                                                                                                         | Author(s)                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 09:00–09:15 | Sea to Storage - Towards a Sustainable Archaeological Archive                                                                                                                 | Sufiyan Hanafi and Emma Hayleys                                                           |
| 09:15–09:30 | The 'Singapore Archaeology Gallery': Maritime Archaeology and the Shaping of Collections-Based Research                                                                       | Shermaine Xiangyi Lim                                                                     |
| 09:30–09:45 | Models of boats from the Asian Collection of the Museo delle Civiltà: construction techniques and navigation practices in South-eastern Asia                                  | Antonia Sciancalepore                                                                     |
| 09:45–10:00 | Enhancing Students' Literacy on Underwater Cultural Heritage: A Case Study of the Mobile Mini-Exhibition Tour by the National Museum of Marine Science & Technology in Taiwan | Jui-Kun Chiu                                                                              |
| 10:00–10:15 | Typological and Multi-analytical Study of Painted Ceramics from a 19th Century Shipwreck                                                                                      | Rachelle Anne Geline Ureta, Bobby C. Orillaneda, Sungyoon Jang, Hongju Jin and Serin Park |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                                             |                                                                                           |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                                                           |                                                                                           |
| 10:45–11:00 | Digital Accessibility and Interpretation of Maritime Heritage: A Case Study of the Underwater Antiquities Section at the National Museum of Alexandria                        | Mai Amer                                                                                  |
| 11:00–11:15 | <b>Discussion</b>                                                                                                                                                             |                                                                                           |



## SESSION 1D

## TOWARDS A NEW REGIONAL MARITIME CULTURAL HERITAGE INITIATIVE



**Day:** Saturday 31<sup>st</sup> October



**Chairs:** Bill Jeffery, Natali Pearson, Zainab Tahir, and McMichael Mutok Jr.

| Time        | Paper                                                                                                                                 | Author(s)                                                |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 09:00–09:15 | Revealing and Honoring the Maritime Cultural Identity of Asia-Pacific                                                                 | Bill Jeffery                                             |
| 09:15–09:30 | Seaworms in changing seas                                                                                                             | Kari Telle                                               |
| 09:30–09:45 | Connecting Traditional CHamoru Maritime Knowledge with Post-Contact Spanish Ideological Technology                                    | Naomi Brandenfels, Boyd Dixon, Jenn Golnik and Aja Reyes |
| 09:45–10:00 | Connecting terrestrial and aquatic in maritime heritage: The case of freshwater seeps across the Indo-Pacific                         | Edyta Roszko                                             |
| 10:00–10:15 | From Seabed to Museum: Integrating Public Participation in the Monitoring and Management of Underwater Cultural Heritage in Indonesia | Yadi Mulyadi                                             |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                     |                                                          |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                   |                                                          |
| 10:45–11:00 | Beyond Military Tensions, the Taiwan Strait Should Become A Paradise for Protecting and Preserving Underwater Cultural Heritage.      | Cheng-hwa Tsang                                          |
| 11:00–11:15 | How Underwater Cultural Heritage Enters the Traditional Religious System in Penghu, Taiwan                                            | Ying Cheng                                               |
| 11:15–11:30 | Discovering Dongsha Atoll's Maritime History through Shipwreck Sites                                                                  | Han-Chang Huang                                          |
| 11:30–11:45 | The SEA-Collections Project: Interpreting shared maritime histories through collaborative practice                                    | Andrew Henderson                                         |
| 11:45–12:00 | Learning from Our Ancestors: Teaching Maritime Identity Through Palau's Archaeology Class in High School                              | Yan Cai                                                  |
| 12:00–12:30 | <b>Discussion</b>                                                                                                                     |                                                          |

## SESSION 1E

## THE ARCHAEOLOGY AND HISTORY OF THE MANILA GALLEON (1939–2026)



Day: **Wednesday 28<sup>th</sup> October**



Chairs: **Jose L. Casaban**

| Time        | Paper                                                                                                                                                            | Author(s)                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 09:00–09:15 | 'Marginal' Commodities on Board of the Manila Galleons, 16th to 18th Centuries                                                                                   | Angela Schottenhammer                                                            |
| 09:15–09:30 | "Philippine ships and shipbuilding": Reexamining the development of Manila Galleon's naval architecture (1565–1815) using archaeological and historical sources. | Jose Luis Casabán                                                                |
| 09:30–09:45 | Transpacific nautical technologies and the Manila Galleon. Outrigger boats in Acapulco.                                                                          | Roberto Junco Sánchez                                                            |
| 09:45–10:00 | Provenance study of the stone shots from the Manila Galleon shipwrecks using magnetic susceptibility measurements                                                | Wataru Tanikawa, Jun Kimura, Nero Austero, Bobby C. Orillaneda and Takashi Tetsu |
| 10:00–10:15 | Preliminary Investigation of the Manila Galleon Santa Margarita (1600)                                                                                           | Jason Raupp and Jose Luis Casabán                                                |
| 10:15–10:30 | Discussion                                                                                                                                                       |                                                                                  |

## SESSION 1F

### SOUTHEAST ASIAN UNDERWATER/MARITIME ARCHAEOLOGY: RESEARCH, TECHNOLOGY, INNOVATION, AND NEW FRONTIERS OF DISCOVERY



**Day:** Saturday 31<sup>st</sup> October



**Chairs:** Bobby C. Orillaneda, Ligaya Lacsina, Shinatria Adhityatama, Jian Cheng Michael Ng and Jo Pornnatcha Sankhaprasit

| Time        | Paper                                                                                                                                | Author(s)                                                                                                                       |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 09:00–09:15 | Recent advances in the Butuan boat research in the Philippines                                                                       | Nero Austero, Bobby C. Orillaneda, Ligaya Lacsina, Emil Nell Bersamira, Ganielou Magsisi and Marlon Texon                       |
| 09:15–09:30 | Inscribed by the Sea: The Cultural Geography of Kyontu's Terracotta Art                                                              | Erin Dray Pyone Han                                                                                                             |
| 09:30–09:45 | Conservation and rescue of the early finding of Sagor (Dugoutboat), Baling, Kedah                                                    | MD. Jamil Hairunnisyam, Ruzairy bin Arbi and Ahmad Zaharuddin bin Abdul Kadir                                                   |
| 09:45–10:00 | Integrating Applied and Social Sciences in Maritime Archaeology: Insights from the Bidong Shipwreck                                  | Hasrizal Shaari                                                                                                                 |
| 10:00–10:15 | Identification of the Senggiling Shipwreck on the Northern Coast of Bintan Island, Indonesia                                         | Stanov Purnawibowo, Shinatria Adhityatama, Alqiz Lukman, Mochammad Fauzi Hendrawan and Lolita Refani Lumban Tobing              |
| 10:15–10:30 | Discussion                                                                                                                           |                                                                                                                                 |
| 10:30–10:45 | Coffee Break                                                                                                                         |                                                                                                                                 |
| 10:45–11:00 | Bang Sak Shipwreck, Phang Nga, Thailand: Evidence of maritime connection in the Andaman Sea in the twentieth century CE              | Pornnatcha Jo Sankhaprasit                                                                                                      |
| 11:00–11:15 | Underwater Cultural Heritage of Biak Island, Papua, Indonesia: Tracing the Material Legacy of the Battle of Biak and the Pacific War | Sonya Kawer                                                                                                                     |
| 11:15–11:30 | Exploring the Archaeological Potential of Submerged Overhead Environments in Southeast Asia                                          | Jian Cheng Michael Ng, Ligaya Lacsina, Bobby C. Orillaneda, Parasu Komaratat, Pornnatcha Sankhaprasit and Shinatria Adhityatama |
| 11:30–12:15 | Discussion                                                                                                                           |                                                                                                                                 |

## SESSION 1G

## UNDERWATER CULTURAL HERITAGE OF THE INDIAN OCEAN REGION



**Day: Wednesday 28<sup>th</sup> October**



**Chairs: Sila Tripati and Sophie Hueglin**

| Time        | Paper                                                                                                                                            | Author(s)                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 13:15–13:30 | India's Maritime and Underwater Cultural Heritage: A Legacy of Connectivity and Revolution                                                       | Sila Tripati                               |
| 13:30–13:45 | Teaching the Global Middle Ages – Indian Ocean Archaeology                                                                                       | Sophie Hueglin                             |
| 13:45–14:00 | Unearthing Maritime Histories: The Cirebon Shipwreck and Indian Ocean Trade Networks                                                             | Simone Struth                              |
| 14:00–14:15 | Ships of the Indian Ocean: Origin and Trade Relations of the Godawaya Shipwreck                                                                  | Rasika Muthucumarana and Amalka Wijesuriya |
| 14:15–14:30 | Global numismatics - foreign coin finds in the Indian Ocean                                                                                      | Philip Schwinghammer                       |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                                |                                            |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                                              |                                            |
| 15:00–15:15 | Maritime Contacts of Tamils with South East Asia and China                                                                                       | Rajavelu Subramani                         |
| 15:15–15:30 | Sacred Seafaring: The Maritime Journey of the Bodhi Tree from India to Sri Lanka in the 3rd Century BCE                                          | Mahinda Karunaratna and Chandima Ambanwala |
| 15:30–15:45 | Maritime and Underwater Archaeological Survey of Ngomeni, Malindi, Kenya: Preliminary Findings and Discovery of the Lost Ancient Port of Ngomeni | Caesar Bitia                               |
| 15:45–16:00 | Evidence of South, Southeast and East Asian Maritime Circuit: Ancient to Late Medieval times                                                     | Pulla Rao Kudupudi and Praveen Chittoori   |
| 16:00–16:15 | <b>Discussion</b>                                                                                                                                |                                            |

## SESSION 1H

## GLOBAL TRENDS IN MARITIME AND UNDERWATER ARCHAEOLOGY



**Day: Wednesday 28<sup>th</sup> October**



**Chairs: Carlota Perez-Reverte, Brian Fahry and Elena Perez-Alvaro**

| Time        | Paper                                                                                                                         | Author(s)                                                                                                                                                                                                          |
|-------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00–09:15 | Underwater cultural heritage in Malaysia: the role of legal aspects                                                           | Ruzairi bin Arbi                                                                                                                                                                                                   |
| 09:15–09:30 | Global Warming, and the Preservation Challenges of USAT Liberty Shipwreck in Tulamben Waters, Bali, Indonesia                 | Salvienty Makarim, Nia Hasanah Ridwan, Widodo S. Pranowo, Ira Dillenia, Lpa Savitri, Aida Sartimbul and Penny Dyahkusuma                                                                                           |
| 09:30–09:45 | The peopling of Doggerland: developing a template for the prospection of continental shelf prehistory around the world        | James Walker, Micheal Butler, Andrew Fraser, Rachel Harding, Philip Murgatroyd, Ben Urmston, Robyn Pelling, Jessica Cook Hale, Simon Fitch and Vince Gaffney                                                       |
| 09:45–10:00 | The far coast of Xiyáng - The importation and utilisation of Chinese ceramics in the Swahili cultural sphere past and present | Clifford Pereira                                                                                                                                                                                                   |
| 10:00–10:15 | The Identity of Islamic Cham's Vernacular House in Cambodia: Form and Space Organization                                      | Thor Samrach                                                                                                                                                                                                       |
| 10:15–10:30 | Discussion                                                                                                                    |                                                                                                                                                                                                                    |
| 10:30–10:45 | Coffee Break                                                                                                                  |                                                                                                                                                                                                                    |
| 10:45–11:00 | Assessing the Impact of Military Training on Underwater Conflict Heritage                                                     | Elena Perez-Alvaro                                                                                                                                                                                                 |
| 11:00–11:15 | The Geopolitical Dimension of Underwater Cultural Heritage: Actors, Tensions, and Conflicts in Asia and the Americas          | Carlos del Cairo Hurtado, Jesús Aldana Mendoza, Arturo Rey Da Silva, Silvia Morón Castañeda, Peter Campbell, María Camargo, Jung Young-Hwa, Victoria Báez Santos, Johann Cuta Jiménez and Juan Sarmiento Rodríguez |
| 11:15–11:30 | Remembering the Forgotten Battle: Documenting the Legacy of World War II in the Aleutian Islands                              | Dominic Bush and Jason Raupp                                                                                                                                                                                       |
| 11:30–11:45 | Shipwrecks, Natural Hazards, and Piracy: Rethinking the Northern Bintan Maritime Landscape                                    | Mochammad Fauzi Hendrawan, Bayu Amde Winata, Muslim Dimas K. D, Ahmad Surya Ramadhan, Wastu Hari Prasetya, Alqiz Lukman, Stanov Purnawibowo and Lolita Refani Lumban Tobing                                        |
| 11:45–12:00 | Bugis Tactics in Defending the Sea War of 1722 AD in the Book of Tuhfat al-Nafis                                              | Silvi Armedia Putri and Yasmin Nabila                                                                                                                                                                              |
| 12:00–12:15 | Discussion                                                                                                                    |                                                                                                                                                                                                                    |
| 12:15–13:15 | Lunch Break                                                                                                                   |                                                                                                                                                                                                                    |
| 13:15–13:30 | Digital Explorations of the Collected Works of the Asia Pacific Conference on Underwater Cultural Heritage                    | T. Kurt Knoerl and Jennifer Motszko                                                                                                                                                                                |
| 13:30–13:45 | Beneath the Waves, Beyond the Classroom: Interpreting Shipwreck Artifacts through StoryMaps                                   | Michelle Damian and Jennifer Motszko                                                                                                                                                                               |
| 13:45–14:00 | Cultural Currents: Anchoring MCH in Ocean Science                                                                             | Leah Tavasi                                                                                                                                                                                                        |
| 14:00–14:15 | Interdisciplinary approaches to showcasing maritime archaeology in museums                                                    | Corioli Souter and Charlotte Jarvis                                                                                                                                                                                |
| 14:15–14:30 | The Sea as a Connector: Cross-Border Narrative Collaboration among Maritime Museums in Southeast Asia                         | Firman Faturohman                                                                                                                                                                                                  |
| 14:30–14:45 | Echoes beneath the Waves: Marine Cultural Heritage as a Pathway to Ocean Sustainability                                       | Pei-Fu Wu                                                                                                                                                                                                          |
| 14:45–15:00 | Discussion                                                                                                                    |                                                                                                                                                                                                                    |

## SESSION 2A

### BLUE ECONOMY PATHWAYS: FINANCE, EDUCATION, AND COMMUNITY EMPOWERMENT IN THE ASIA-PACIFIC



Day: **Wednesday 28<sup>th</sup> October**



Chairs: **Bishnu Pada Bose, Diptasri Ghosh, Justine Buchler and Jian Cheng**

| Time        | Paper                                                                                                                                                                                                                  | Author(s)                                                                                                   |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 13:15–13:30 | Management and Monitoring: Approaches for shallow water cultural heritage sites in Central Switzerland                                                                                                                 | Corinne Staeheli and Lea Emmenegger                                                                         |
| 13:30–13:45 | Blue Finance for a Resilient Blue Economy: Opportunities and Challenges in the Asia-Pacific Region                                                                                                                     | Bishnu Pada Bose and Diptasri Ghosh                                                                         |
| 13:45–14:00 | Valuing Sri Lanka's Shipwrecks: A Holistic Assessment of Cultural, Ecological, and Economic Worth                                                                                                                      | Vishmi Saumya Gunasinghe                                                                                    |
| 14:00–14:15 | Marine Eco-Archaeological Park Model in Samota: Integrating Conservation, Education, and Tourism                                                                                                                       | Ira Dillenia, LPA Savitri CH Kusuma, Ofri Johan and Aprizon Putra                                           |
| 14:15–14:30 | Accessing Synchrotron Light facilities for the preservation, regeneration and valorisation of maritime and underwater cultural heritage and environment: Open-SESAME for Blue Economy, through the SUNSTONE EU project | Kirsi Lorentz, Andrea Lausi, Mirjam van Daalen, Annick Froideval, Anis Fatima, Frank Lehrner and Michael Ng |
| 14:30–14:45 | Discussion                                                                                                                                                                                                             |                                                                                                             |
| 14:45–15:00 | Coffee Break                                                                                                                                                                                                           |                                                                                                             |
| 15:00–15:15 | India-Maldives Maritime Cooperation: Exploring Blue Economy Pathways and Cultural Diplomacy for Sustainable Regional Growth                                                                                            | Shalini Singh                                                                                               |
| 15:15–15:30 | From Grievance Mechanism to Politics of Voice(s): The National Fishers Center as an Alternative Platform for Maritime Labour Rights in Indonesia                                                                       | Luthfian Haekal                                                                                             |
| 15:30–16:15 | Discussion                                                                                                                                                                                                             |                                                                                                             |



**SESSION 2B**
**SENSE AND SUSTAINABILITY**

**Day: Thursday 29<sup>th</sup> October**

**Chairs: Anja Krieger and Ligaya S. Lacsina**

| Time               | Paper                                                                                                                                     | Author(s)                                                                                                                                    |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00–09:15</b> | Resilient stones, changing seas: the atob tidal weirs of the Gigantes Islands, Philippines                                                | Lacsina Ligaya, Cynthia N. Zayas, Manuel J.H. Peters, Michiko S. Aseron, Patrick Roberts                                                     |
| <b>09:15–09:30</b> | Rethinking Biocultural Seascape Conservation: A Case Study of Mapping Philippine Saltscapes                                               | Lim Kristine Kate                                                                                                                            |
| <b>09:30–09:45</b> | Korean Tidal Flat Culture as a Biocultural Landscape: Sustainability, Resilience, and Climate Adaptation                                  | Hong Sun-Kee, Jae-Eun Kim, Gyeong-Ah Lee                                                                                                     |
| <b>09:45–10:00</b> | The Ecology of Wrecks: Biocultural Heritage, Conservation and Biodiversity                                                                | Seetah Krish, Hugues Vitry, Svetlana Barteneva, Prerana Gawde, Jack Pink, Beenesh A. Motah, Hemanaden Runghen, Yann von Armin, Rezah M. Bada |
| <b>10:00–10:15</b> | The Landscape Where Shell Mounds Once Existed: Universalizing Cultural Landscapes through Art and Archaeology in A Disaster-Affected Area | Aki Sahoko, Tomo Ishimura, Yasuyuki Yoshida, Tsuyoshi Kawata                                                                                 |
| <b>10:15–10:30</b> | <b>Discussion</b>                                                                                                                         |                                                                                                                                              |

## SESSION 2C

## MANAGEMENT OF MARITIME & UNDERWATER CULTURAL HERITAGE SITES



**Day: Wednesday 28<sup>th</sup> October**



**Chairs: Vicki Richards, Bill Jeffery and Kotaro Yamafune**

| Time        | Paper                                                                                                                                             | Author(s)                                                                                                                                        |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:45–11:00 | Water Governance and Heritage Stewardship in the Mekong-Burma Corridor: Bridging Policy and Community Futures                                     | Aung Than Oo                                                                                                                                     |
| 11:00–11:15 | Shipwreck concretions expect the unexpected                                                                                                       | Jon Carpenter and Deb Shefi                                                                                                                      |
| 11:15–11:30 | From Relics of War to Blue Economy Assets: Legal and Policy Challenges in Governing World War II Shipwrecks in Indonesia                          | Wishnu Dharmha                                                                                                                                   |
| 11:30–11:45 | Underwater Archaeological Impact Assessment of the New Colombo Port City Development Project, Sri Lanka                                           | Amalka Wijesuriya and Palitha Weerasinghe                                                                                                        |
| 11:45–12:00 | Managing Underwater Cultural Heritage at Magong Harbor, Penghu, Taiwan: Lessons from Archaeological Monitoring during Port Expansion              | Li Hong Tan                                                                                                                                      |
| 12:00–12:15 | <b>Discussion</b>                                                                                                                                 |                                                                                                                                                  |
| 12:15–13:15 | <b>Lunch Break</b>                                                                                                                                |                                                                                                                                                  |
| 13:15–13:30 | Digital Twins of Shipwrecks and Environments: Integrating Environmental Data and Artefact Models in ENDURE                                        | David Gregory, Anne Marie Høier Eriksen, Henning Matthiesen, Chris McGonigle, Gert Normann Andersen and Rory Quinn                               |
| 13:30–13:45 | ENDURE – Decoding microbial drivers of decay for sustainable in situ preservation                                                                 | Anne Marie Høier, Henning Matthiesen, Anders Bendtz Kanstrup and David Gregory                                                                   |
| 13:45–14:00 | Fifteen Years of Data! A Long-Term Interdisciplinary Approach to Understanding the Management of Maritime Cultural Heritage Sites in Saipan, CNMI | Jennifer McKinnon, Toni Carrell, Vicki Richards and Kotaro Yamafune                                                                              |
| 14:00–14:15 | Biodiversity and ecosystem health of wreck environments in the Pacific                                                                            | Erin Field, Maggie Shostak, Evan Olinger and Jennifer McKinnon                                                                                   |
| 14:15–14:30 | Underwater Archaeological Management of the Ambon Bay Area, Indonesia (Case Study of the SS Aquila Shipwreck)                                     | Lucas Wattimena, Stanov Purnawibowo, Karyamantha Surbakti, Alqiz Lukman, Lolita R. L. Tobing, Mochammad Fauzi Hendrawan and Ahmad Surya Ramadhan |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                                 |                                                                                                                                                  |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                                               |                                                                                                                                                  |
| 15:00–15:15 | Shipwrecks, Science, and Stewardship: Managing the Bidong Underwater Heritage in Place                                                            | Nik Nurhalida Nik Hariry, Hasrizal Shaari and Nur Athmar Binti Hashim                                                                            |
| 15:15–15:30 | In-situ preservation of a WWII Amtrac in Guam – Corrosion surveys and cathodic protection                                                         | Vicki Richards, William Jeffery and Jon Carpenter                                                                                                |
| 15:30–15:45 | Matured Management of Iron Shipwrecks in Chuuk Lagoon, Federated States of Micronesia                                                             | Ian MacLeod, A. Selman and C. Selman                                                                                                             |
| 15:45–16:15 | <b>Discussion</b>                                                                                                                                 |                                                                                                                                                  |

## SESSION 2E

### 100 YEARS OF UNDERWATER CULTURAL HERITAGE PROTECTION IN THE ASIA-PACIFIC REGION: PAST 50 YEARS, PRESENT, AND FUTURE 50 YEARS



Day: **Saturday 31<sup>st</sup> October**



Chairs: **Young-Hwa Jung, Bobby Cuaton Orillaneda  
and Wongsakorn Rahothan**

| Time        | Paper                                                                                                                                                     | Author(s)                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 09:00–09:15 | The Past, Present, and Future of Taiwan's Underwater Cultural Heritage                                                                                    | Chiung-Hui Fu                             |
| 09:15–09:30 | Capacity Building in Action: Development of China's Underwater Archaeology                                                                                | Xiaoxu Gao                                |
| 09:30–09:45 | 100 Years of Underwater Cultural Heritage Investigation and Protection in Korea                                                                           | Young-Hwa Jung                            |
| 09:45–10:00 | Development of an Unmanned Autonomous Surface Vehicle (ASV) for Underwater Cultural Heritage Exploration                                                  | Hyun-Do Kim and Young-Hwa Jung            |
| 10:00–10:15 | The survey results of Cam An shipwreck in Hoi An Tay Ward, Da Nang City, Vietnam – Preliminary Report                                                     | Thi HA Nguyen                             |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                         |                                           |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                                       |                                           |
| 10:45–11:00 | Framework For The Management Of Underwater Archaeological Relics Under The National Heritage Act 2005 (Act 645), Department Of National Heritage Malaysia | Muhammad Terinzi Hasni and Farizah Ideris |
| 11:00–11:15 | Shifting Perspectives, Evolving Practice: A Historiography of Underwater Archaeology in the Philippines                                                   | Christian Emmanuel Catahan                |
| 11:15–11:30 | Building Research Capacity on Underwater Archaeology                                                                                                      | Jun Kimura                                |
| 11:30–11:45 | The Thai Underwater Archaeology Division: Fifty Years of Effort in Heritage Protection and Future Vision                                                  | Wongsakorn Rahothan                       |
| 11:45–12:00 | The Development of Underwater Cultural Heritage Management in Sri Lanka                                                                                   | Chandraratne Wijamunige                   |
| 12:00–12:15 | <b>Discussion</b>                                                                                                                                         |                                           |



## SESSION 3A

## UNDERWATER CULTURAL HERITAGE IN THE METAVERSE



Day: Friday 30<sup>th</sup> October



Chairs: Liu Mengyu

| Time        | Paper                                                                                                                                                      | Author(s)                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 09:00–09:15 | Digital Storytelling and Underwater Cultural Heritage: A Critical Study of Pakistan's Forgotten Treasures                                                  | Waqasia Naeem                                                          |
| 09:15–09:30 | Weaving the Digital and the Human: Synthesizing Digital Capture and Ethnography on Singapore's Kelong E63                                                  | Muhammad Syahid Mustapa                                                |
| 09:30–09:45 | Stone Tidal Weirs, Shared Futures: Governance-First AI Question Answering and Guided Narratives for Maritime Heritage                                      | Yu-Hsin Tai, Chen-Min Lai, Jen-Fu Lee, Yun-Fang Chang and Jia-Ching Hu |
| 09:45–10:00 | Digital and analogue approaches for engagement with First Nations Underwater Cultural Heritage in Australia                                                | John McCarthy                                                          |
| 10:00–10:15 | <b>Discussion</b>                                                                                                                                          |                                                                        |
| 10:15–10:30 | <b>Coffee Break</b>                                                                                                                                        |                                                                        |
| 10:30–10:45 | Ocean Echoes 360: An immersive virtual reality journey into Sri Lanka's Underwater Heritage                                                                | Anuradha Piyadasa, Rasika Muthucumarana and Indika Hewage              |
| 10:45–11:00 | Harnessing Immersive Technologies for Policy and Capacity: Lessons from the Adriatic for Asia-Pacific                                                      | Darko Kovacevic                                                        |
| 11:00–11:15 | Digital and Analogue Approaches to Public Engagement with Underwater Cultural Heritage in Korea: Focusing on the Sinan Shipwreck and the Taean-Mado Waters | Ma Suai                                                                |
| 11:15–11:30 | <b>Discussion</b>                                                                                                                                          |                                                                        |



## SESSION 3B

### BUILDING CAPACITY AND ADVANCING PRACTICE IN DEEP-SEA ARCHAEOLOGY IN THE ASIA-PACIFIC REGION



Day: **Wednesday 28<sup>th</sup> October**



Chairs: **Song Jianzhong, Shou Jiaqi, and Jay Mok**

| Time               | Paper                                                                                                                       | Author(s)                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <b>10:45–11:00</b> | Practice, Preservation, and Partnership: China's Deep-Sea Archaeology Development and its Implications for the Asia-Pacific | Jianzhong Song                          |
| <b>11:00–11:15</b> | Manned and unmanned submersible geophysical Imaging of Deepsea archaeology in the South China Sea                           | Chuanxu Chen                            |
| <b>11:15–11:30</b> | Improvement of the Revitalization and Utilization Models for Underwater Cultural Heritage From an International Perspective | Lina Liu and Xu Leina                   |
| <b>11:30–11:45</b> | Bringing the depth to light: Using digital engagement tools to bring deep sea heritage to the public                        | Felix Pedrotti and Stephanie Blankshein |
| <b>11:45–12:00</b> | The Development Process and Current Main Trends of Deep-sea Archaeology                                                     | Jianxiang Ding                          |
| <b>12:00–12:15</b> | <b>Discussion</b>                                                                                                           |                                         |



## SESSION 3C

## THE DIGITAL ARCHIVE AND ITS DISCONTENTS: CONTEMPORARY DATA MANAGEMENT CHALLENGES FOR HERITAGE DOCUMENTATION



**Day: Thursday 29<sup>th</sup> October**



**Chairs: Abhirada Komoot and R. Michael Feener**

| Time        | Paper                                                                                                                                                                                     | Author(s)                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 09:00–09:15 | Developing the Maritime and Underwater Cultural Heritage Division Collection Database Project (MUSCDab-2017) using FileMaker Pro                                                          | Reynaldo Bautista, Bobby C. Orillaneda, Nero M. Austero, Rachelle Anne Geline P. Ureta                                              |
| 09:15–09:30 | Uneven Futures: Digital Inequality in Thailand's Maritime Cultural Heritage                                                                                                               | Abhirada Komoot                                                                                                                     |
| 09:30–09:45 | Digitizing Moken Knowledge: Challenges of Archiving the sea gypsy in Andaman Sea, Thailand                                                                                                | Jiraporn Kraichana and Pathawee Patchimtis                                                                                          |
| 09:45–10:00 | Dilemmas of Digital Heritage Documentation                                                                                                                                                | R. Michael Feener                                                                                                                   |
| 10:00–10:15 | Connecting People, Places, and Perspectives: Community Engagement, Institutional Partnerships, and Multi-Disciplinary Fieldwork in the Creation of a Large-Scale Digital Heritage Archive | Sofiani Sabarina Nursalmah                                                                                                          |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                                                         |                                                                                                                                     |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                                                                       |                                                                                                                                     |
| 10:45–11:00 | Data or data: The challenge of data management at a pan-national level                                                                                                                    | Simon Fitch, Phil Murgatroyd, Yasuhisa Kondo, Robyn Pelling, Jessica Cook Hale, Vedran Barbarić, Lizz Zieschang and Slavica Bošnjak |
| 11:00–11:15 | Historic Routes in Digital Space: An overview of the MARG project                                                                                                                         | Ram Sateesh Pasupuleti, Anjali Manocha and Fatima Masroor                                                                           |
| 11:15–11:30 | REV - Digital Field Workflows for Local Researchers: Insights from the Asian Maritime Heritage Survey (MAHS)                                                                              | Paphawadee Sanai                                                                                                                    |
| 11:30–11:45 | More Data, More Problems: Coordinating a Multi-Country Digital Heritage Archive Building Project                                                                                          | Maida Irawani                                                                                                                       |
| 11:45–12:15 | <b>Discussion</b>                                                                                                                                                                         |                                                                                                                                     |



## SESSION 4A

## INTANGIBLE MARITIME HERITAGE: TRADITIONS, BELIEFS, AND PRACTICES ACROSS THE ASIA-PACIFIC



**Day: Thursday 29<sup>th</sup> October**



**Chairs: Moumita Dhar, Ahmed Lofty, Chandima Bogahawatta, K.V.J. Koshalee and Nibedita Naskar**

| Time        | Paper                                                                                                                                      | Author(s)                                                                                                                                                                                                                                                                                                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00–09:15 | Revealing and Honoring the Maritime Cultural Identity of Asia-Pacific                                                                      | Bill Jeffery                                                                                                                                                                                                                                                                                              |
| 09:15–09:30 | Seaworms in changing seas                                                                                                                  | Kari Telle                                                                                                                                                                                                                                                                                                |
| 09:30–09:45 | Connecting Traditional Chamoru Maritime Knowledge with Post-Contact Spanish Ideological Technology                                         | Naomi Brandenfels, Boyd Dixon, Jenn Golnik and Aja Reyes                                                                                                                                                                                                                                                  |
| 09:45–10:00 | Connecting terrestrial and aquatic in maritime heritage: The case of freshwater seeps across the Indo-Pacific                              | Edyta Roszko                                                                                                                                                                                                                                                                                              |
| 10:00–10:15 | From Seabed to Museum: Integrating Public Participation in the Monitoring and Management of Underwater Cultural Heritage in Indonesia      | Yadi Mulyadi                                                                                                                                                                                                                                                                                              |
| 10:10–10:30 | <b>Discussion</b>                                                                                                                          |                                                                                                                                                                                                                                                                                                           |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                        |                                                                                                                                                                                                                                                                                                           |
| 10:45–11:00 | Adapting to the Sea: Traditional Ecological Knowledge of Stilt Fishermen in Southern Sri Lanka                                             | Mayuri Thirsha Abeyskare, Chandima Bogahawatte                                                                                                                                                                                                                                                            |
| 11:00–11:15 | Receiving Blessings from the Sea: Paledang as Intangible Maritime Heritage                                                                 | Jesica Lerrick                                                                                                                                                                                                                                                                                            |
| 11:15–11:30 | A Shared Coastline, A Shared Deity: Examining Multi-Religious Cohesion through the Ritual Ecology of Kerala's Mukkuva Fishing Communities. | Varadha Das                                                                                                                                                                                                                                                                                               |
| 11:30–11:45 | IN THE LAP OF RIVER: CHHATH PUJA AND INTANGIBLE CULTURAL RESILIENCE                                                                        | SANYA Gupta, kumarsinghsanjib                                                                                                                                                                                                                                                                             |
| 11:45–12:00 | Intangible Cultural Heritage of the Sea in Hong Kong                                                                                       | Steven Galagher                                                                                                                                                                                                                                                                                           |
| 12:00–12:15 | <b>Discussion</b>                                                                                                                          |                                                                                                                                                                                                                                                                                                           |
| 12:15–13:15 | <b>Lunch Break</b>                                                                                                                         |                                                                                                                                                                                                                                                                                                           |
| 13:15–13:30 | From Collective Care to Male Guardianship: Gendered Heritage-Making and the Cánh Dương Lullaby in North Central Coast Vietnam              | Thuc Anh Ho Nguyen                                                                                                                                                                                                                                                                                        |
| 13:30–13:45 | Coastal Culture Preservation in the Development of the Tourism Industry in South Bali                                                      | Jayanti I Gusti, kumarsinghsanjib                                                                                                                                                                                                                                                                         |
| 13:45–14:00 | The Song of the Sea: Unpublished Folk Songs from Southernmost Sri Lanka                                                                    | Janitha Koshalee Kakalundala, Mr. Tharindu Peiris, Research Officer, Archaeo Boffins Consultants Services (ABCS), Panipitiya, Sri Lanka, ptmperis@gmail.com and Prof. Chandima Bogahawatta, Professor in Archaeology, Department of Archaeology, University of Kelaniya, Sri Lanka, dr.chandima@kln.ac.lk |
| 14:00–14:15 | The Sacred Sea: Rituals, Sacrifice, and Festivals among Fishing Communities of Western Coast of Maharashtra, India                         | Dhananjay Khandare                                                                                                                                                                                                                                                                                        |
| 14:15–14:30 | Searching for Traces of the Crew of the Belitung Shipwreck in Oral Traditions of the 19th and 20th Centuries                               | Wahyu Kurniawan                                                                                                                                                                                                                                                                                           |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                          |                                                                                                                                                                                                                                                                                                           |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                                        |                                                                                                                                                                                                                                                                                                           |
| 15:00–15:15 | Reconstructing Maritime Exchange Networks and Cultural Interaction in the Indus Valley Civilization: A Collection-Based Study              | Moumita Dhar                                                                                                                                                                                                                                                                                              |
| 15:15–15:30 | Calling for the Wind: Remembering a Maritime Ritual from Agatti Island, Lakshadweep                                                        | Safiya MD                                                                                                                                                                                                                                                                                                 |
| 15:30–15:45 | Intertidal Fishing Practices and Maritime Knowledge in Coastal West Bengal, India: Ethnographic and Archaeological Perspective             | Munshi Swayamdipta                                                                                                                                                                                                                                                                                        |
| 15:45–16:00 | Coastal villager's Folk Goddess, an unknown history of Indian Sundarban.                                                                   | Ujjwal Sardar                                                                                                                                                                                                                                                                                             |

## SESSION 4B

### THE ARCHAEOLOGICAL, SOCIAL AND ECONOMIC BENEFITS OF INCLUDING THE PUBLIC IN MONITORING AND PROTECTING UNDERWATER CULTURAL HERITAGE



**Day: Thursday 29<sup>th</sup> October**



**Chairs: Andrew Viduka and Zainab Tahir**

| Time        | Paper                                                                                                                                                           | Author(s)                                                                                                                                                                    |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:15–13:30 | Creating Methods for Convergence of Maritime Knowledge with Community Participation: Maritime Cultural Heritage in Seto Inland Sea, Japan                       | Nishikawa Chihiro                                                                                                                                                            |
| 13:30–13:45 | The Socio-Economic Impact of Cultural Maritime Tourism Development on the Community in Batu Itam Village, Belitung Regency                                      | Cucu Nuraeni and Maqdots Hikmatiar                                                                                                                                           |
| 13:45–14:00 | From Divers to Stewards: Public Participation and Sustainable Management of Underwater Heritage in the Strait of Gibraltar (Spain)                              | Carlota Perez-Reverte, Felipe Cerezo Andreo and Raúl González Gallero                                                                                                        |
| 14:00–14:15 | Rediscovering the Lost Danish Slave Ships of Cahuita - Community Archaeology and Underwater Heritage Stewardship in Costa Rica                                  | Andreas Kallmeyer Bloch, Maraya Jiménez Taysigue, Marianita Harvey Chavarria, Arturo Hernández Ruiz, Matko Čvrlić, Kotaro Yamafune, Maria Suarez Toro and David John Gregory |
| 14:15–14:30 | Beyond Tourism: Dive Operators as Collaborative Guardians in Underwater Cultural Heritage Governance                                                            | Aryandini Novita, Nyoman Arisanti and M. Nofri Fahrozi                                                                                                                       |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                                               |                                                                                                                                                                              |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                                                             |                                                                                                                                                                              |
| 15:00–15:15 | Citizen Science in the Sunshine: The Florida Public Archaeology Network's Programs to Engage Communities with their Maritime Heritage                           | Della Scott-Ireton                                                                                                                                                           |
| 15:15–15:30 | From Fisheries to Heritage: Community-Based Surveillance Approach                                                                                               | Zainab Tahir                                                                                                                                                                 |
| 15:30–15:45 | A Conservation Approach for Underwater Cultural Heritage Management through Citizen Science – a GIRT Scientific Divers case study of the Rainbow Warrior (1987) | Andrew Viduka                                                                                                                                                                |
| 15:45–16:15 | <b>Discussion</b>                                                                                                                                               |                                                                                                                                                                              |

## SESSION 4E

### FROM SACRED FORESTS TO SEA: TRADITIONAL NAUTICAL TECHNOLOGIES AND THE SOCIAL WORLDS THEY SHAPE



Day: **Wednesday 28<sup>th</sup> October**



Chairs: **Veronica Walker-Vadillo and Swarup Batthacharya**

| Time        | Paper                                                                                                                                                                        | Author(s)                                                                                                                       |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 09:00–09:15 | Traditional Boat/shipbuilding in Iran: tradition and innovation                                                                                                              | Shadi Kalantar                                                                                                                  |
| 09:15–09:30 | Preserving endangered knowledge of making a bark canoe (Sarak) in Borneo, Indonesia                                                                                          | Shinatria Adhityatama, Adhi Agus Oktaviana, Andhika A.P, India Ella Dilkes, Maxime Aubert                                       |
| 09:30–09:45 | Maritime Technology and State Power: Maritime Technology as a Factor in the Formation of Administrative Structures in Ancient Sri Lanka (6th century BCE to 13th Century CE) | Wayani Nirosha Anthony                                                                                                          |
| 09:45–10:00 | Hiyang Hiren (Dragon) Boats of Manipur, Northeast India: Social and Cultural Continuity and Change                                                                           | Bina Gandhi Deori                                                                                                               |
| 10:00–10:15 | The boat as a house, and the house as a boat. Boat-building practices among the Endenese of Eastern Indonesia                                                                | Victoria Ramenzoni                                                                                                              |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                                            |                                                                                                                                 |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                                                          |                                                                                                                                 |
| 10:45–11:00 | Sails and Sailing in the Indian Ocean from the 3rd Century BCE to the 18th Century CE: An Archaeological and Ethnographic Approach                                           | Asad Sayeed                                                                                                                     |
| 11:00–11:15 | Maritime Culture in Highland : Reinterpreting Batak Cultural Heritage from the Great Pustaha Manuscript                                                                      | Lolita Refani Lumban Tobing and Mochammad Fauzi Hendrawan                                                                       |
| 11:15–11:30 | Unearthing Australia's First Archaeological Dugout Canoe: Truth-Telling Through the Maritime Archaeological Study of the Melville Island Find                                | Wendy Van Duivenvoorde, Daryl Wesley, Mirani Litster, Jordan Turner, Pedro Wonaeamirri and Jilamara Arts and Crafts Association |
| 11:30–11:45 | The Tree, the Boat, and the Word: Nautical Technology and the Architecture of Belief in Maritime Southeast Asia                                                              | Veronica Walker                                                                                                                 |
| 11:45–12:00 | From Shipyards to Sacred Voyages: Sustaining Tidore's Maritime Traditions of "Foladomo" and "Lufu Kie" Across Generations                                                    | Burhan Samad, Sardi Marsaoly                                                                                                    |
| 12:00–12:15 | <b>Discussion</b>                                                                                                                                                            |                                                                                                                                 |

## SESSION 5A

### INTERTIDAL CULTURAL HERITAGE: SITES, PRACTICES, AND KNOWLEDGE ACROSS THE ASIA-PACIFIC



Day: Friday 30<sup>th</sup> October



Chairs: Agni Mochtar, Chiara Zazzaro and Cynthia Neri Zayas

| Time        | Paper                                                                                                                                                  | Author(s)                                                                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 09:00–09:15 | Study of Minato - Focusing on small and forgotten harbors                                                                                              | Randy Sasaki and Hutomo Putra                                               |
| 09:15–09:30 | Tracing the Journey of Artifacts in Sungai Nyalo, West Sumatra through Hydrodynamic Modeling: Investigating a Potential Connection to the MV Boelongan | Ulung Jantama Wisha, Nia Naelul Hasanah Ridwan and Wisnu Arya Gemilang      |
| 09:30–09:45 | Twelfth-century Southeast Asian wooden shipwreck in the intertidal Bintan Inland, Indonesia                                                            | Agni Mochtar and Chiara Zazzaro                                             |
| 09:45–10:00 | Kingdoms of the Intertidal: Comparative study of stone fish weirs use in the Asia Pacific and Europe                                                   | Paul montgomery                                                             |
| 10:00–10:15 | Discussion                                                                                                                                             |                                                                             |
| 10:15–10:30 | Coffee Break                                                                                                                                           |                                                                             |
| 10:30–10:45 | Riverine, Lacustrine, or Marine: The rise and fall of a river valley in Northern Japan                                                                 | Robyn Pelling, Yasuhisa Kondo, Simon Fitch, Jodie Lewis and Wataru Tanikawa |
| 10:45–11:00 | Between Use and Memory: Exploring the Heritage Significance of Stone Tidal Fish Weirs in the Indonesian Archipelago                                    | Dwi Kurnia Sandy and Hutomo Putra                                           |
| 11:00–11:30 | Discussion                                                                                                                                             |                                                                             |



## SESSION 5B

### RIVERINE HERITAGE AND COMMUNITIES: GHATS, SITES, AND PRESERVATION ACROSS SOUTH AND SOUTHEAST ASIA



**Day: Thursday 29<sup>th</sup> October**



**Chairs:** Vishi Upadhyay, Arjun Rao,  
Asyhadi Mufsi Sadzali and Marsis Sutopo

| Time        | Paper                                                                                                                                            | Author(s)                                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 13:15–13:30 | Riverine Cultural Sustainability in the Musi Rawas Region                                                                                        | Siregar Sondang Martini                   |
| 13:30–13:45 | River Shrine and Archaeology: Study of Living Shrines in Jharkhand and Scope for Public Awareness and Preservation from Anthropogenic Pollutants | Himanshu Shekhar                          |
| 13:45–14:00 | 2500 years at the water's edge: The role of artificial hydro-engineering in sustaining Vadnagar's (Gujarat) enduring settlement                  | Abhijit S. Ambekar and Ananya Chakraborty |
| 14:00–14:15 | Ritual, Social, and Architectural Dimensions of the Narmada River at Amarkantak, India                                                           | Janardhana Bhora                          |
| 14:15–14:30 | Eulogy of a River: Textual Agency, Archaeological Heritage and the Community Perspectives in the Premodern Deccan                                | Varada Khaladkar                          |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                                |                                           |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                                              |                                           |
| 15:00–15:15 | Ghats In Patna: Riverine Heritage and Communities                                                                                                | Aman Kumar                                |
| 15:15–15:30 | Sacred Currents, Living Heritage: Ghats, Communities, and the Challenges of Riverine Conservation in South Asia                                  | Ashish Kumar                              |
| 15:30–15:45 | Cultural Continuity of the River Bhima in India: Legends, Community Gathering and Sacred Practices                                               | Deepak Pal and Arjun R.                   |
| 15:45–16:00 | Gangasagar the Sacred Confluence: Ecology, Culture, and Preservation                                                                             | Mansij Pal                                |
| 16:00–16:15 | <b>Discussion</b>                                                                                                                                |                                           |



**Day: Friday 30<sup>th</sup> October**

| Time        | Paper                                                                                                                                   | Author(s)             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 09:00–09:15 | Reclaiming the River: Kyai Rajamala and the Colonial Politics of Maritime Symbolism along the Bengawan Solo (1809-1811)                 | Vicky Pharayogi       |
| 09:15–09:30 | Sacred Spaces of Kaveri and its many Sangams (confluence streams): Rooted Community Perspectives, Dips, Rituals and Fests               | Arjun Rao             |
| 09:30–09:45 | Revitalization of the Maritime Cultural Landscape of the Batanghari River Using a Public Opinion Approach Based on Social Participation | Asyhadi Mufsi Sadzali |
| 09:45–10:00 | Gaya's Pitru Paksha Mela: A Confluence of Ritual, Mythology, and Culture.                                                               | Aditi Sharma          |
| 10:00–10:15 | <b>Discussion</b>                                                                                                                       |                       |
| 10:15–10:30 | <b>Coffee Break</b>                                                                                                                     |                       |
| 10:30–10:45 | Rivers and Ghats: Lifeline of communities (A case study of Rivers and Ghats in Bihar through British era's paintings)                   | Vishi Upadhyay        |
| 10:45–11:00 | Crossing the Rivers- Sacred and Ritual Space of Kaveri, Tamil Nadu                                                                      | Darsana S B           |
| 11:00–11:30 | <b>Discussion</b>                                                                                                                       |                       |

## SESSION 5C

### BETWEEN LAND AND SEA: BRIDGING ISLAND AND MARITIME ARCHAEOLOGIES IN THE ASIA-PACIFIC



**Day:** Thursday 29th October



**Chairs:** Veronica Walker-Vadillo, Helen Dawson and Tom Leppard

| Time        | Paper                                                                                                                                                                | Author(s)                                                                           |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 09:00–09:15 | In Between Islands: Archipelagic, Mobility of the Bigiw-Seafarers in the Visayas, Central Philippines                                                                | Ian Dale Rios                                                                       |
| 09:15–09:30 | Gateway Island: Prehistoric Navigation, Exchange, and Adaptation on Tsushima                                                                                         | Daniele Petrella, Irene Ciulla, Mauro Palumbo, Iwaki Katsuhiro and Tsutsumi Takashi |
| 09:30–09:45 | Depictions of Aquatic fauna in the Geoglyphs of Konkan, Maharashtra, India                                                                                           | Rhutvij Apte and Tarkik Khatu                                                       |
| 09:45–10:00 | When an Island Is the Whole World: Cosmological Resilience and the Reorganization of Power in Rapa Nui                                                               | Gabriela Attallah                                                                   |
| 10:00–10:15 | “Majuli Island: An Ethnoarchaeological study of Traditional Wooden Boats of River Brahmaputra and Their Role in Trade, Warfare, and Cultural Exchange of South Asia” | Debasish Dey                                                                        |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                                    |                                                                                     |

## SESSION 5D

### LIVING WITH THE SEA: TOOLS, TRADE AND TECHNOLOGY IN THE COASTAL MARITIME ZONES OF THE INDO-PACIFIC



**Day:** Saturday 31<sup>st</sup> October



**Chairs:** Amer Bazi Khan and Ian McCann

| Time        | Paper                                                                                                                                 | Author(s)            |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 09:00–09:15 | Maritime Mughals: the maritime frontier of the Mughal Empire in Sindh during the 16th - 18th centuries                                | Amer Khan            |
| 09:15–09:30 | Boats of Bengal: A Tradition Under Critical Review                                                                                    | Swarup Bhattacharyya |
| 09:30–09:45 | A study of Querns and Handstones from the Godawaya Shipwreck: Provenance, Cultural Affiliation, and Designation as a Trade Commodity  | Jinali Ekanayake     |
| 09:45–10:00 | Climate, Tectonics, and Geomorphology: Challenges in Understanding Ancient Port Archaeology in Konkan                                 | Riza Abbas           |
| 10:00–10:15 | The Prabhas Culture in Saurashtra: New Insights into Settlement Pattern and Protohistoric Maritime Networks                           | Shashank Babu        |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                     |                      |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                   |                      |
| 10:45–11:00 | Shifting Shores, Moving Networks: Rethinking the Subarnarekha Delta                                                                   | Snehadip Saha        |
| 11:00–11:15 | Examining Appropriate Underwater Excavation Methods in the Vietnamese Deltas                                                          | Takashi Tetsu        |
| 11:15–11:30 | Beads and Gemstones Variety: Traces of Global Interaction In Bongal Site, West Coast of North Sumatra Between 7th – 10th Centuries Ad | Ery Soedewo          |
| 11:30–11:45 | The Stupa of the Demons on the Mountain of the Vampires: Sacred Monument, Royal Precinct, or Maritime Hub?                            | Ian Mc Cann          |
| 11:45–12:15 | <b>Discussion</b>                                                                                                                     |                      |

## SESSION 5D

## PORTS AND CROSS-CULTURAL CURRENTS: MARITIME TRADE AND CONNECTIVITY FROM SOUTHEAST ASIA TO THE MEDITERRANEAN



**Day:** Thursday 29th October



**Chairs:** Kong F. Cheong, Saw Tun Lin,  
Garima Singh and Katerina Vrettou

| Time        | Paper                                                                                                                                                                                                                                                                                        | Author(s)                             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 09:00–09:15 | The Canopic Branch of the Nile: A Key Trade Route Linking Egypt and the Mediterranean until the end of the late period                                                                                                                                                                       | Mona Aly                              |
| 09:15–09:30 | Gateways of Exchange: Coastal Communities and the Circulation of Imported Materials in Early Bronze Age Crete                                                                                                                                                                                | Katerina Vrettou                      |
| 09:30–09:45 | Underwater Cultural Heritage in the Context of Early Islamic Settlement Structures on Failaka Island. A contribution to the study of maritime contacts and routes during the early Islamic period in the northern zone of the Arabian Gulf with the example of Failaka Island, Kuwait State. | Magdalena Nowakowska and Shehab Ahmad |
| 09:45–10:00 | Nodes of Exchange: Harappan Port Towns and the Material Currents of Bronze Age Maritime Trade                                                                                                                                                                                                | Garima Singh                          |
| 10:00–10:15 | Cross-Cultural Connectivity in Maritime Trade: Transformations in Chinese and Southeast Asian Ceramic Jars from the 9th to 17th Centuries in Port Cities and Production Sites                                                                                                                | Wong Wai Yee, Sharon                  |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                                                                                                                                                            |                                       |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                                                                                                                                                                          |                                       |
| 10:45–11:00 | The Missing Coast: Challenging the Terrestrial Bias in Archaeological Practice of Myanmar                                                                                                                                                                                                    | Saw Tun Lin                           |
| 11:00–11:15 | Vietnamese Trade Ceramics as Vessels of Cultural Exchange in Maritime Asia (14th–18th Centuries)                                                                                                                                                                                             | Ngoc Han Le                           |
| 11:15–11:30 | Strategies for Success and Survival: Power, Marginalization, & Migration Between Middle Period Chinese Ports and Southeast Asia                                                                                                                                                              | Amanda Respass                        |
| 11:30–11:45 | From shore to shipwreck: Seashells as objects of desire, diplomacy, and colonialism in the early modern period                                                                                                                                                                               | Alexandre Hinton                      |
| 11:45–12:15 | <b>Discussion</b>                                                                                                                                                                                                                                                                            |                                       |

## SESSION 6B

### TRADITIONS AND TRAJECTORIES IN THE PRE-MODERN MARITIME CONNECTIVITY: EXPLORING THE AGENCIES AND DIMENSIONS IN SOUTH AND SOUTHEAST ASIA



**Day: Thursday 29<sup>th</sup> October**



**Chairs:** Wijerathne Bohingamwua, V. Selvakumar, Kalangi Rodrigo,  
Dr Kaushik Gangopadhyaya

| Time        | Paper                                                                                                                                                                                       | Author(s)                                                                  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 13:15–13:30 | From the Margins to the Center: Co-Constructing the Heritage of Southeast Asia's Maritime Orang Suku Laut at the Crossroads of Anthropology, History, Archaeology, and Indigenous Knowledge | Bérénice Bellina, Cynthia Chou, Vivienne Wee and Harry Sofian              |
| 13:30–13:45 | Koryo's encounter with India in the year 1298                                                                                                                                               | Kang Hahn lee                                                              |
| 13:45–14:00 | Charting Her Seas: Tracing Women's Roles in the Maritime Trajectories of the Asia-Pacific - A case study of South Asia                                                                      | Sonali Mukherjee                                                           |
| 14:00–14:15 | An Ethnographic Study Of Kattumaram and the Kattumaram Builders, users of Kanniyakumari Region, Tamil Nadu                                                                                  | Jeromi Petrishya Maria Jerald Durairaj                                     |
| 14:15–14:30 | Coastal Control During Ancient Bali Period (9th-14th Century) and The Emergence of Traditional Legal Authority in Bali, Indonesia                                                           | Rochtri Agung Bawono, Ni Ketut Puji Astiti Laksmi and Citra Iqiyah Darojah |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                                                                           |                                                                            |
| 14:45–15:00 | <b>Coffee Break</b>                                                                                                                                                                         |                                                                            |
| 15:00–15:15 | Realigning Maritime Networks: Rising Significance of Ports on the Southern and Eastern Coasts of Sri Lanka During the Premodern Period                                                      | Wijerathne Bohingamwua, T.D.C. Pushpakumara and Kalangi Rodrigo            |
| 15:15–15:30 | Anthropogenic Interventions and Coastal Livelihoods: Ethnographic Insights from Thiruvananthapuram District, Kerala                                                                         | Jaseera C M                                                                |
| 15:30–15:45 | Adorning the ancient: Decoding culture through marine shell ornaments at Vadnagar (Gujarat)                                                                                                 | Ananya Chakraborty, Abhijit S. Ambekar                                     |
| 15:45–16:00 | Waves without End: Re-imagining 'Indian Ocean' exchange patterns of the broader Indian Ocean area.                                                                                          | Hrishita Ghosh, Pravat Roy                                                 |
| 16:00–16:15 | <b>Discussion</b>                                                                                                                                                                           |                                                                            |



**Day: Friday 30<sup>th</sup> October**



**Chairs:** Wijerathne Bohingamwua, V. Selvakumar, Kalangi Rodrigo,  
Dr Kaushik Gangopadhyaya

| Time        | Paper                                                                                                                   | Author(s)                          |
|-------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 09:00–09:15 | REV - Maritime Links and Merchant Marks: Western Indian Trade Connections with Ancient Sri Lanka                        | Chithramala Tharangani Kulappuwawa |
| 09:15–09:30 | Early Historic Spice Trade on the West Coast of India: Landscapes, Agencies and Trade Routes                            | Veerasamy Selvakumar               |
| 09:30–09:45 | Entangled Archives: Archaeological Sources and Cultural Memory from the Bay of Bengal                                   | Chandrima Shaha                    |
| 09:45–10:00 | Understanding 'agencies' in the interactions between South and South-East Asia (c. 3rd Century BCE to 10th century CE). | Kaushik Gangopadhyaya              |
| 10:00–10:15 | <b>Discussion</b>                                                                                                       |                                    |

## SESSION 6C

### RE-EXAMINING ORPHANED UCH AND SALVAGED SITES ALONG THE MARITIME SILK AND SPICE ROUTE



Day: **Thursday 29<sup>th</sup> October**



Chairs: **Martin Polkinghorne, Wendy van Duivenvoorde and Natali Pearson**

| Time        | Paper                                                                                                                                                              | Author(s)                                                                                                                                                                                                                                                       |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00–09:15 | Looted, and yet precious: The Godawaya wreck's eye-and-cleats fitting Oldest ocean-going ship tackle (200 BCE – 100 CE) of the Indo-Pacific ?                      | Jens Oliver Affeld and Rasika Muthucumarana                                                                                                                                                                                                                     |
| 09:15–09:30 | Collaborative models of documenting UCH collections from the Cileungsi's storage                                                                                   | Sutenti Sutenti                                                                                                                                                                                                                                                 |
| 09:30–09:45 | The Custodian's Dilemma: Navigating the Future of Underwater Cultural Heritage between Conservation and Public Engagement at the Tanjungpandan Museum, Belitung.   | Revzan Maynovri                                                                                                                                                                                                                                                 |
| 09:45–10:00 | Reuniting Cargoes Project update: From orphaned collections to community stewardship                                                                               | Martin Polkinghorne, Wendy van Duivenvoorde, Natali Pearson, Widya Nayati, Nia Naelul Hasanah Ridwan, Zainab Tahir, Susan Arthure, Jarrad Kowlessar, Catherine Morton, Craig Forrest, Holly Jones-Amin, Rachel Popelka-Filcoff, Tom Chandler and Mark Stanforth |
| 10:00–10:15 | Materials and Markets: Investigating the Restoration of Southeast Asian UCH                                                                                        | Simona Sumerling                                                                                                                                                                                                                                                |
| 10:15–10:30 | <b>Discussion</b>                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
| 10:30–10:45 | <b>Coffee Break</b>                                                                                                                                                |                                                                                                                                                                                                                                                                 |
| 10:45–11:00 | Forgotten Traces of Maritime Trade Routes: A Preliminary Study of Government-Seized Ceramic Artefacts from Underwater Pillaging in the Riau Archipelago, Indonesia | Azwar Sutihat                                                                                                                                                                                                                                                   |
| 11:00–11:15 | The Potential Of Marine Archeology As A Supporting Cultural Heritage And Sustainable Use In Belitong Island                                                        | Zulfiandi Zulfiandi and Ira Dillenia                                                                                                                                                                                                                            |
| 11:15–11:30 | Underwater Orphaned Cargo Collections at the Sonyine Malige Museum, Tidore Island, North Maluku and Potential Future Development of Underwater Heritage in Tidore  | Samsuddin Hajutuddin and Daud Muhammad                                                                                                                                                                                                                          |
| 11:30–11:45 | Applications of archaeological science and dispersed UC'                                                                                                           | Jesse De Nichilo, William Cowling                                                                                                                                                                                                                               |
| 11:45–12:00 | Ceramics from Cielungsi                                                                                                                                            | Reghinaa Shafora Chandrajaya, Susanto                                                                                                                                                                                                                           |
| 12:00–12:15 | <b>Discussion</b>                                                                                                                                                  |                                                                                                                                                                                                                                                                 |

## SESSION 6D

### PORCELAIN AND PERCEPTION: CHINESE CERAMICS AND CULTURAL IDENTITY IN THE MARITIME WORLD



**Day:** Wednesday 28<sup>th</sup> October



**Chairs:** Ruiqi Zhang, Ching Liu and Xiaoxu Gao

| Time        | Paper                                                                                                                     | Author(s)                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 09:00–09:15 | Consumptive Identity: How Anping Jars Redefine the Reuse of Trade Ceramics                                                | Liu Ching                         |
| 09:15–09:30 | Porcelain in Passage: Trade, Cultural Exchange, and Chinese Ceramics on India's Coasts                                    | Aprajita Sharma and Alok Tripathi |
| 09:30–09:45 | Archaeological Analysis of Longquan Celadon Discovered in Southeast Asia                                                  | Xiang Kunpeng                     |
| 09:45–10:00 | From coveted object to satirical symbol: the changing portrayal of the punch bowl in 18th-century British artworks        | Zhang Ruiqi                       |
| 10:00–10:15 | Beyond the Text: Multiple Narratives of Yuan Dynasty Maritime Porcelain Trade through a Marine Archaeological Perspective | Wei Jun and Tu Xiaoyue            |
| 10:15–10:30 | Discussion                                                                                                                |                                   |

## SESSION 7B

### MOBILISING THE LEGACY OF CONFLICT: WWII WRECKS FOR COMMUNITIES, OCEANS, AND SHARED FUTURES



**Day:** Thursday, 29<sup>th</sup> October



**Chairs:** Natali Pearson and Matthew Carter

| Time        | Paper                                                                                                                                    | Author(s)                                                                             |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 10:45–11:00 | Vulnerable Ghost Ships in Banten Bay, Indonesia: Environmental and Coastal Development Issues                                            | Wisnu Arya Gemilang, Ulung Jantama Wishu and Nia Naelul Hasanah Ridwan                |
| 11:00–11:15 | Australia's military underwater cultural heritage in the Asia-Pacific: a stakeholder analysis                                            | Mick de Ruyter & Andy Viduka                                                          |
| 11:15–11:30 | Legal and policy challenges and Japan's state practices regarding WWII-era sunken warships and state vessels                             | Chihiro Nishikawa                                                                     |
| 11:30–11:45 | Changing perspectives: World War Two wrecks in Asia, a personal analysis and vision                                                      | Martijn Manders                                                                       |
| 11:45–12:00 | Beyond the Battlefield: Underwater Archaeology and Strategic Partnerships in the U.S. Defense POW/MIA Accounting Agency                  | Jeneva Wright and Abigail Bleichner                                                   |
| 12:00–12:15 | <b>Discussion</b>                                                                                                                        |                                                                                       |
| 12:15–13:15 | <b>Lunch Break</b>                                                                                                                       |                                                                                       |
| 13:15–13:30 | Voyages of Return: Wartime Transport Ships, Post War Repatriation via Siam, and the Living Legacies of WWII Wrecks in the Asia Pacific   | Patporn Phoothong                                                                     |
| 13:30–13:45 | The Suddhadib Shipwreck: From an Unrecognized Dive Site to a Protected Heritage Tourism Destination                                      | Napat Piromrak, Wongsakorn Rahothan and Suphakit Somronglun                           |
| 13:45–14:00 | The Maritime Archaeological Heritage of SS Aquila: Conservation Challenges and Blue Economy Implementation in Ambon Bay, Maluku Province | Guntur Adhi Rahmawan, Nia Naelul Hasanah, Wisnu Arya Gemilang and Ulung Jantama Wishu |
| 14:00–14:30 | Between Preservation and Exploitation: WWII Wrecks within the Blue Economy Framework in Indonesia                                        | Yunie Nurhayati Rahmat and Natali Pearson                                             |
| 14:30–14:45 | <b>Discussion</b>                                                                                                                        |                                                                                       |

## SESSION 7C

### SUNKEN THREATS: MANAGING POTENTIALLY POLLUTING WRECKS FROM THE MEDITERRANEAN TO THE ASIA-PACIFIC



**Day:** Thursday, 29<sup>th</sup> October



**Chairs:** Stefania Manfio

| Time        | Paper                                                                                                                                          | Author(s)                                                                                             |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 15:15–15:30 | The Pacific Islands Regional Marine Spill Contingency Plan's coverage of potentially polluting wrecks in the Pacific                           | Craig Forrest                                                                                         |
| 15:30–15:45 | Field-Based Risk Management of WWII Shipwrecks: Lessons from Palau                                                                             | Kaoru Ruluked and Masato Shimada                                                                      |
| 15:45–16:00 | Out of Sight, Out of Mind: Submerged Battlescape Heritage of Roi-Namur Island                                                                  | Jason Raupp, W. Shawn Arnold and Dominic Bush                                                         |
| 16:00–16:15 | Studying and managing the remains of HMS Plym, the ship destroyed by Britain's first nuclear test in the Montebello Islands, Western Australia | Patrick Morrison, Madison Williams-Hoffman, Mathew P. Johansen, Tim Hunt, Deb Shefi and Ross Anderson |