

# HOMER 2021

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### Session 1 : Coastal and maritime archaeology: today's Challenges

#### *Communications*

- » **Band Lara, Lawrence Northall** : (Don't let it) Slip through the net: climate change, coastal change and citizen science at Sandwich Bay, Kent, UK
- » **Dawson Tom** : Citizen science and using apps to record coastal archaeology
- » **Mercier-Bion Florence, Marine Bayle, Jean-Bernard Memet, Laurent Urios, Nathalie Huet, Lila Reboul, Jean-Paul Gallien** : Preserving metal shipwrecks sunk during the World Wars by cathodic protection: overall in situ characterisation and multi-scale analysis of corrosion layers and biodiversity
- » **Motte Edwige, Marie-Yvane Daire, Elías López-Romero, Dominique Bonnissent, Christian Stouvenot, Gwenola Robert, Tristan Yvon**: ALOA: interdisciplinarity and citizen sciences to rescue the coastal and maritime heritage of Guadeloupe
- » **Rendeiro Luís, Ana Ramos-Pereira, Ana Catarina Sousa** : Sea level rise as driver for the destruction of archaeological remains: Peniche as a case study
- » **Serrand Nathalie, Christophe Henocq, D. Bonnissent, C. Stouvenot, Fabrice Casagrande, Pierre-Yves Devillers, Nathalie Sellier-Segard, Martijn van den Bel, Jean-Georges Ferrié** : Post-cyclonic investigations: evaluation tests of the state of some archaeological sites of the Caribbean islands of St. Martin and Guadeloupe after hurricanes Irma and Maria (2017)
- » **Stouvenot Christian, Dominique Bonnissent, Marie-Yvane Daire, Elías López-Romero, Nathalie Serrand** : Tick tock, the countdown has started: the loss of the coastal archaeological heritage of the French West Indies, between emergency and strategy
- » **Verdin Florence** : The race against time against erosion: the strategy developed in the Médoc (Gironde, France)

#### *Posters*

- » **Barbel Héloïse, Clément Recq, Najat Bhiry, Gregor Marchand, Dominique Marguerie, Yann Rantier, Matthieu Thivet, Dominique Todisco, James Woollett** : Decolonizing practices: the Inuit material heritage facing coastal erosion
- » **Cariou Elsa, A. Chauviteau-Lacoste, C. Moreau, A. Dubois, T. Vigneau, D. Linard, J.M. Large, F. Lévéque, D. Leparoux, A. Baltzer** : Archaeology between land and sea, where issues get mixed up, multidisciplinary approaches lead to unexpected findings – La Gournaise, île d'Yeu, Vendée, France
- » **Soler Ludovic, Christine Lima-Brissaud, Valérie-Emma Leroux, Eric Normand** : Coastal Archaeology within Regional Government: the problems of collaborative management between administrative services, and with different external actors. An example from the Department of Charente-Maritime

### Session 2 : Unlocking the potential of submerged, intertidal and coastal sites: Developing methods for their identification and study

#### *Communications*

- » **Araújo Ana Cristina, Costa, Ana Maria** : The sea is our land: the Mesolithic legacy of SW Iberia

- » **Devillers Benoît, Jean-Philippe Degeai, Tiphaine Salel, Gillet Cléa, Jean Gascó, Thibault Lachenal** : 8,000 years of coastal landscape evolution revealed by core sampling on the shores of the Hérault (Languedoc, France)
- » **Dieulefet Gaëlle, Mohamed Maanan** : Intersectional approach to a maritime cultural landscape : the example of the Bay de Bourgneuf (Pays de la Loire, France)
- » **Duval Hervé** : Archaeological study as a last defense against erosion : methodology of action on protohistoric fortified sites from the Atlantic-Channel coastal area
- » **Gandois Henri, Cyril Marcigny** : Between land and sea. Study of a territory from the Bronze Age to the First Iron Age around Tatihou Island (Manche, France)
- » **Gouezin Philippe, Chloë Martin, Catherine Robert** : A dolmen at sea... Dolmen of the pointe des Chats on the Island of Groix (Morbihan, France)
- » **Guyot Alexandre, Marc Lennon, Thierry Lorho, Laurence Hubert-Moy** : Archaeological prospection in nearshore and shallow-water areas using airborne remote-sensing: potential and limits
- » **Large Jean-Marc** : Twenty years of prospecting on the coastline in western France, in Vendée
- » **March Ramiro Javier, Albert Garcia Piquer, Joan Miquel Lozano, Anna Franch Bach, Juan Carlos Ferreri, Raquel Pique Huerta, Jordi Estevez Escalera** : Looking through the flames: fuegian shell-midden formation processes and past human behavior on the maritime coast of Tierra del Fuego
- » **Mathé Vivien, Corinne Sanchez, Gaël Piquès** : A proven protocol for the detection of large ancient port structures by geophysical methods
- » **Pioffet-Barracand Hélène** : Salt archaeology facing climate and human issues: an insight on the Pays de la Loire coasts
- » **Piper Stephanie** : Paddling in (hermeneutic) circles? Challenges in identifying prehistoric coastal occupation of north-west Scotland
- » **Romon Thomas, Hervé Guy, Marie-Michelle Moreau** : Coastal settlements at Anse Bellay (Martinique): evidence of past and present marine transgressions

### *Posters*

- » **Aoustin David, Chantal Leroyer, Cédric Rossignol, Dominique Marguerie, Vincent Bernard, Marie-Yvane Daire** : Environmental change around a Iron age foreshore settlement at Plougasnou-Saint Jean du Doigt (Finistère, France)
- » **Dréano Yvon, Henri Gandois, Clémentine Rime** : Retreat of the coastline in the Iroise Sea : the example of sites 26-30-31 on the island of Kemenez (Le Conquet, Finistère, France)
- » **Gissinger Bastien** : Conditions for setting up the coastal Citadel of Château d'Oléron, Charente-Maritime
- » **Guyot Alexandre, Marc Lennon, Pierre Stéphan, Thibaut Péres, Marie Hascoet, Marie-Yvane Daire, Laurence Hubert-Moy** : Visualization of underwater landscapes from airborne hyperspectral imagery in the shallow waters of the Molène archipelago, Brittany
- » **Lopes Richard** : Archaeological surveys in the estuarine marshes of Saint-Ciers-sur-Gironde
- » **Mathé Vivien, Pierre-Emmanuel Augé, Guillaume Bruniaux, Jean-Marc Large, François Lévêque, Ludovic Soler, Thomas Vigneau** : On the interest of geophysical prospecting methods for studying archaeological sites on the foreshore
- » **Save Sabrina, Ludovic Soler** : The palaeo-environmental potential of Oléron island: past, present and future

## **Session 3 : Islands: isolation or interconnection?**

### *Communications*

- » **Audouard Lorena, Benjamin Gehres, Hervé Duval, Gwenaëlle Hamon** : Belle-Île en Mer or the non-insularity: an island-continent from the late Neolithic to the Iron Age
- » **Barbel Héloïse, James Woollett, Dominique Todisco** : Toward a colonial market economy? New insights in the relationship to habitat of the Nunatsiavut Inuit at the end of the Little Ice Age
- » **Berard Benoit** : Territories in the early ceramic occupation of the Antilles: from island to archipelago.

- » **Gehres Benjamin** : Evolution of ceramic transmission networks and craft skills: the example of island and coastal systems in western France, from the Neolithic to the Iron Age
- » **Ilves Kristin** : “Steppingstone islands” or home: becoming an islander on the Late Iron Age Åland Islands
- » **Lévêque Francois, Guillaume Bruniaux, Vivien Mathé** : From the world of the dead to that of the living: from the continental coast to the island of Oléron in the Neolithic
- » **Yvon Tristan** : The archaeological potential of the islets of Guadeloupe for colonial period

## Session 4 : The anthropization of the coast: infrastructure, transformation and production techniques

### *Communications*

- » **Auger Réginald, Grégor Marchand, Pierre Stéphan** : Archaeological Salvage at Anse à Henry, Saint-Pierre and Miquelon
- » **Bichet Vincent, Gauthier Emilie, Hervé Richard, Edouard Masson MacLean, Jérôme Fort, David Grémillet** : Arctic summer camp and winter dwelling: survey of a Thule site at Cap Hoegh (North-Eastern Greenland)
- » **Boucard Jacques** : The "sea farmers" on Island of Ré, an original and complex society
- » **Cloquier Christophe, Desruelles Stéphane** : Development and exploitation of the Rue coastline and the estuary of Maye (Picardy) from the 11th to the 16th century
- » **Hamelin Fadila** : The cistercians activities on the coast of Brittany in the Trégor, Goëlo and Penthièvre regions from the 12th to the 18th century
- » **Jorda Christophe, Nathalie Sellier-Ségard, Martijn van den Bel, Nathalie Serrand, Jean-Georges Ferrié, Sandrine Grouard, Noémie Tomadini** : Coastal settlement modes among Amerindians: what strategies for what purposes? The examples of Capesterre-Belle-Eau (Guadeloupe) and Grand-Case (Saint-Martin)
- » **Lhommel Pauline, Yvon Dréano, Rémi Blondeau, Mélanie Demarest, Marine Laforge, Aurélien Piolot, Pascal Picavert** : Evolution of ancient and medieval occupations in the Flemish Sea Plain : Saint-Folquin (Pas-de-Calais, France), Rue du Gibet
- » **Sellier-Ségard Nathalie** : An unknown coastal settlement on Saint-Martin (North of the Lesser Antilles) from the late 17th or early 18th century: Tangible evidence of an early settlement by an anti-conformist group of people
- » **Vacher Stéphane, Guilhem Landreau, Vivien Mathé, François Lévêque** : Archaeological soundings on two salt production sites in the Rochefort region (Charente-Maritime, France): New data on the organization of the sites and the archaeological material

### *Posters*

- » **Gapenne Amandine, Sylvie Coutard, Vaiana Vincent** : The transformation and valorisation of land in the Marquenterre region during the medieval and modern periods: the example of Rue (Somme, France) «Foraine de Hère»
- » **Mathé Vivien, Stéphane Vacher, François Lévêque, Guillaume Bruniaux, Guilhem Landreau, Vincent Ard** : Geophysical surveys and archaeological soundings of two salt sites in the Rochefort region (17): characterization of the structures and geometry of the deposits
- » **Peter Pauline** : Les Gros Fossés in Saint-Lyphard (Loire-Atlantique, France): an enigmatic lock on the Guérande peninsula
- » **Trézéguet Céline** : Rural priories in Charentais marshes during the Middle Ages: the cases of Malaigre, Charron, Rhône, Érablais and La Lance
- » **Verdin Florence, Elsa Cariou, Camille Culioli** : Recent discovery of oyster maturing basins from the Roman period, in Soulac-sur-Mer (Gironde, France)

## Session 5 : Marine resources: new approaches, new challenges

### Communications

- » **Arniz Mateos Rosa María** : Shellfish gathering strategies in the Mesolithic of Northern Iberia: a view from El Toral III (Asturias, Spain)
- » **Best Julia** : Changes in bird use in the Scottish islands
- » **Borvon Aurélia, Catherine Dupont, Louis Dutouquet, Oriane Digard, Aurélie Claude** : Consumption of shells, crustaceans and vertebrates at the end of the Iron Age: the shell midden AC3 in the Aber Braz cove on the Ile de Sein (Brittany, France)
- » **Cobos Rafael, Nayeli Jiménez Cano** : Marine resources and their use in Isla Cerritos, the ancient port of Chichen Itzá, Mexico
- » **Dupont Catherine** : Romans see red! Updating of our knowledge on dye extraction activities along the French Atlantic coast with archaeomalacology
- » **Ephrem Brice, Clavel Benoît** : Trade and fish consumption in Saintes (Charente-Maritime, France) between the 1st and 12th centuries
- » **Evans Sally, Jacqueline Mulville** : Whales Past and Present
- » **Hambrecht George, Nicole Misarti, Arni Daniel Juliosson** : The Central North Atlantic Marine Historical Ecology Project
- » **Hausmann Niklas, Harry K. Robson, Christopher Hunt** : Archaeological *Ostrea edulis* (European Oyster) from the Late Mesolithic Site of Conors Island: annual Growth Patterns and Interspecimen Variability in Mg/Ca
- » **Hennius Andreas, John Ljungkvist** : Pre-Viking age Whaling in Northern Scandinavia identified in scientific and archaeological analysis
- » **Mouchi Vincent, Camille Godbillot, Catherine Dupont, Marc-Antoine Vella, Vianney Forest, Alexey Ulianov, Franck Lartaud, Marc de Rafélis, Laurent Emmanuel, Eric P. Verrecchia** : Towards oyster trade network reconstructions: shell elemental fingerprinting
- » **Mulville Jacqueline** : Human, animal and environment interactions in the Western Isles, Scotland
- » **Prévost Camielsa, Philippe Forré, Nicolas Fromont, Yvan Pailler, Anne-Charlotte Philippe-Lelong, Ludovic Soler, Vincent Ard, Martine Regert** : An approach to the lipid content of ceramics to investigate the natural resources used on the Atlantic coast of France in the Late Neolithic and Early Bronze Age
- » **Robson Harry, Niklas Hausmann, Eva M. Laurie, Peter Moe Astrup, Søren A. Sørensen, Søren H. Andersen, Nicky Milner** : Incremental growth line analysis of the European oyster (*Ostrea edulis*): An update on over 20-years of research

### Posters

- » **Baudry Anna, Caroline Mougne, Christophe Maitay, Yvon Dréano, Camielsa Prévost, Catherine Dupont** : Exploitation and use of animal resources in an island context: the recent Neolithic 1 occupation of La Crapaudière in Sainte-Marie-de-Ré (Charente-Maritime, France)
- » **Charpentier Océane, Yvon Dréano** : Osteology and osteometry of the Atlantic sardine (*Sardina pilchardus*) : Create a systematic tool and a morphometric protocol
- » **Ephrem Brice, Catherine Dupont, Caroline Mougne, Damien Delage** : Marine invertebrates and vertebrates from Vaux-sur-Mer (Charente-Maritime, France). An exploitation of marine resources during the early Middle Ages in Saintonge
- » **Hewson Tim** : New techniques for analysis of mollusc exploitation strategies
- » **Howle Outlaw Carolyn** : 'Shell middens' in Ireland : is it time for change in terminology ?
- » **Mazet Albane, Éva David, Knut Andreas Bergsvik, Claire Houmard** : Mesolithic fishhooks of Norway
- » **Vorenger Justine** : The fortified house of Goust, between Land and Sea, at the heart of the Wars of Religion

## Session 6 : Navigation, circulation and port installations

### *Communications*

- » **Bachelier Julien** : Commercial network and port facilities around Redon (9th-16th century)
- » **Daeffler Michel** : Norman shipbuilding in the service of Atlantic expeditions in the 16th century.  
The example of brazilwood trade illustrated by a carved panel of «Hôtel du Brésil»
- » **García-Piquer Albert, Vanessa Navarrete, Nelson Aguilera, Alfredo Prieto, Raquel Piqué** : The Archaeology of Seascape-Landscape interaction: portages, watercraft and mobility strategies in the inland sea of Última Esperanza
- » **Guibert Jean-Sébastien** : State of the art on coastal shipping in the Lesser Antilles in the colonial period (Guadeloupe Martinique). Contribution of historical archaeology
- » **Henigfeld Yves, Clément Le Guédard** : The movement of ceramics by sea: the products of distant origin in Brittany from the 14th to 17th century
- » **Hulot Olivia, Cecile Le Carlier De Veslud, Henri Gandois, Yves-Marie Adrian, Françoise Labaune, Souen Fontaine, Philippe Migaud** : The Bloscon 1 shipwreck, lost offshore of Roscoff (Finistère, France) in the II-IIIrd century, and its cargo of tin and lead-tin ingots
- » **Hulot Olivia, Thierry Lorho, Yves Ménez, Jimmy Mouchard, Julie Remy, Jean-Manuel Conilleau, Carl Calone-Rebatel** : Geopotopographic detections and first reflections on the maritime and river-maritime ports of Brittany (from Protohistory to modern times)
- » **Jaouen Marine, Olivia Hulot, Eric Rieth, Catherine Lavier** : The wreck of Sables d'Or les Pins 3, an 18th century ship dismantling yard on the foreshore (Fréhel, Côtes-d'Armor, France)
- » **Parpaite Guillaume** : Protohistoric dugout canoes from Sanguinet Lake, boats adapted to coasting ? (Landes, France)
- » **Pauly Sébastien** : French sugar refining from the 16th to the beginning of the 19th century : settlements, movements of people and goods in the North equator Atlantic
- » **Peter Pauline** : Between land and sea: harbour canals on the Atlantic and Manche coasts in medieval times
- » **Philippe Michel** : Reflection on the hypervisibility of logboats in the archaeological record of the first water transports
- » **Plumejeaud-Perreau Christine, Mélissa Mimouni, Alain Bouju, Christian Pfister, Thierry Sauzeau, Silvia Marzagalli** : Publication of French ports of eighteenth century in a gazetteer
- » **Sauvage Cécile, Elise Nectoux, Eric Rieth** : Vessels, Barachois and Chaffauds: establishment Strategies and Archaeological Testimonies of Saint Pierre and Miquelon Coastal Development
- » **Vacher Catherine, Véquaud Brigitte, Jean-Claude Bonnin** : Disappear or adapt : the medieval ports of Beaugeay and Esnandes facing the clogging of the marshes of Charente

### *Posters*

- » **Bernier Nicolas, Philippe Moyat, Jean-François Mariotti** : Franks boats in Charente river during the early middle age
- » **Bolle Annie, Jeanne Cazassus-Berard** : The port of Saint-Pierre de la Martinique (18th-19th century)
- » **Parpaite Guillaume** : Dugout canoes from Sanguinet Lake, an outstanding collection of protohistoric monoxylons (Landes, France)