

SEA, FISH & SUN

Archaeological & isotopic approach of aquatic resources acquisition

This workshop aims at presenting the works and results of the AMORCE project Icht'isomed² (institut ARKAIA-AMU), a collaboration between Aix Marseille Université, Universidad Autónoma de Madrid and Universiteit Leiden, that combined an archaeo-ichthyological approach of three medieval and modern sites from Provence (Fos sur Mer, Hyères and Aix-en-Provence, IX-XIVth c. AD) with analyses of the Carbon & Nitrogen isotopic signatures of five taxa (*Sparus aurata*, *Anguilla anguilla*, *Dicentrarchus labrax*, *Diplodus sargus sargus* & *Mugilidae*) to yield new insights on the acquisition of marine resources through time. Those results will be discussed in regards of works and results concerning Salmon, flatfishes, freshwater and other marine resources that will be presented by teams from University of York, Université Bordeaux Montaigne, Oranim Academic College & University of Haifa, and Université Côte d'Azur. The final aim will be to better understand the ecological implications of the isotopic study of archaeo-ichthyological records in the Mediterranean Sea area and beyond.

ORGANISATION

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MAISON MÉDITERRANÉENNE DES SCIENCES DE L'HOMME

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SIMULTANEOUS DIFFUSION ON ZOOM

REGISTRATION : <https://tinyurl.com/SeaFishandSunRegistration>



Maison Méditerranéenne
des Sciences de l'Homme
Aix-Marseille Université



Institut
Archéologie
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Aix-Marseille Université

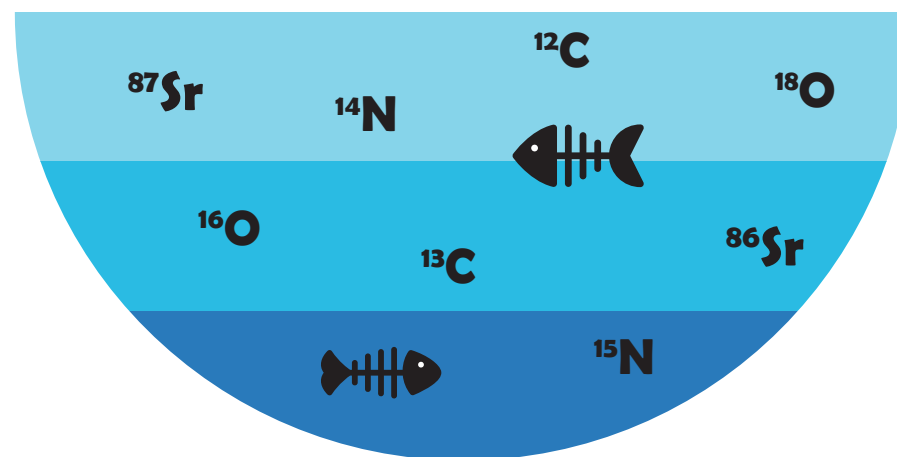
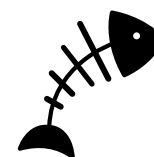


WORKSHOP

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October 29, 2021



Maison Méditerranéenne des Sciences de l'Homme, Aix-en-Provence, France
Simultaneous diffusion on ZOOM

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SEA, FISH & SUN : Archaeological & isotopic approach of aquatic resources acquisition

08:30 Welcome of the participants

09:00 Estelle HERRSCHER, Anne MAILLOUX, Myriam STERNBERG
Opening speech

09:30 Leïa MION, Tatiana ANDRE, Laura LLORENTE-RODRÍGUEZ, Arturo MORALES-MUÑIZ, Eufrasia ROSELLÓ-IZQUIERDO, Myriam STERNBERG, Anne MAILLOUX, Estelle HERRSCHER
Icht'isomed² : What can isotopes & archaeo-ichthyology tell us of marine fish acquisition in medieval Provence?

09:50 Laura LLORENTE-RODRÍGUEZ
The plentiful river: Ichthyoarchaeological and biomolecular research to assess the trophic ecology of the Rhine-Meuse delta in the Holocene

10:10 Liz QUINLAN
Salmon in the City: Carbon and nitrogen stable isotope analysis of marine, diadromous and freshwater fish at Coppergate, York

10:30 Katrien DIERICKX
Flatfish and the origins of European marine fishing

10:50 Arturo MORALES-MUÑIZ, Irit ZOHAR, Laura LLORENTE-RODRIGUEZ, Leïa MION, Carlos FERNÁNDEZ, María José LUCIÁÑEZ-SÁNCHEZ, Marta DÍAZ-ZORITA, Eufrasia ROSELLÓ-IZQUIERDO
Fishing Isotopes: The contribution of Ichthyoarchaeology and ISotopic analyses in the study of the Iberian Medieval and Modern Age fisheries (6th/17th CE)

11:15 coffe breack

11:30 Discussions

12:30 LUNCH BREAK

1:30 Theodore WEST, Elise DUFOUR, Brice EPHREM, Xavier GALLET, François-Xavier LE BOURDONNEC
Isotopic contributions to the understanding of the freshwater fish trade in Delos (2nd-1st centuries BC)

1:50 Irit ZOHAR, Guy SISMA-VENTURA, Omri LERNAU, Thomas TÜTKEN
Sparus aurata role in the "Blue Revolution"

2:10 Rachel WINTER
Long term perspectives on grouperforaging ecology in the Eastern Mediterranean

2:30 Audrey MARGUIN, Thierry BLASCO, Tatiana THEODOROPOULOU, Francesca ROSSI, Thierry BLASCO
Stable collagen isotopes as markers of food web fluctuations in the Mediterranean

2:50 Tatiana THEODOROPOULOU, Francesca ROSSI, Thierry BLASCO
Sea, fish and MERMAIDs: The use of isotope analysis of archaeological fish bones within the newly launched ERC-CoG MERMAID

3:15 coffe breack

3:30 Discussions

5:00 Estelle HERRSCHER, Anne MAILLOUX, Myriam STERNBERG
Conclusion speech