



**1<sup>st</sup> Advanced Zooplankton Course – AZC1**  
**Morphological and Molecular Taxonomy of Marine Copepods**

**Stazione Zoologica Anton Dohrn, Naples,**  
**22 October – 2 November 2018**

**1<sup>st</sup> Announcement**

The Course will be held on 22 October – 2 November 2018 at Stazione Zoologica Anton Dohrn, Naples, Italy.

The Course is organized by the Stazione Zoologica MOTax Service (Marine Organism Taxonomy) and sponsored by Leica.

AZC1 will provide an advanced training on taxonomy of selected copepod families for addressing biodiversity studies in plankton biology and ecology. The aim is to increase and update the expertise of the students in the taxonomy and specific identification of Aetideidae, Corycaeidae, Oithonidae, Oncaeidae, Paracalanidae and Spinocalanidae with emphasis on light microscopy and integrating molecular data and new approaches to the study of planktonic copepods that are commonly and abundantly distributed in epipelagic or mesopelagic regions.

The programme will consist of lectures and practical sessions. During the latter, a diverse collection of preserved material will be offered for examination in light microscopy. Selected material will be observed in electron microscopy.

**Topics**

- methods and criteria for species identification
- taxonomic classification and phylogeny
- molecular identification
- methods for light and electron microscopy
- specialized literature
- general and specific aspects of copepod biodiversity and biogeography
- lectures on copepod evolution, -omics applied to copepods.

## Faculty

- ✓ Alberto Amato, Laboratoire Physiologie Cellulaire & Végétale, Institut de Biosciences et Biotechnologies de Grenoble-CEA, Grenoble, France
- ✓ Ruth Böttger-Schnack, GEOMAR, Kiel, Germany
- ✓ Geoffrey Boxshall, Natural History Museum, London, United Kingdom
- ✓ Astrid Cornils, AWI, Bremerhaven, Germany
- ✓ Iole Di Capua, Stazione Zoologica Anton Dohrn, Naples, Italy
- ✓ Elena Markhaseva, Russian Academy of Sciences, Zoological Institute, Moscow, Russia
- ✓ Maria Grazia Mazzocchi, Stazione Zoologica Anton Dohrn, Naples, Italy
- ✓ Olja Vidjak, Institute of Oceanography and Fisheries, Split, Croatia

Participation is limited to 20 people with documented experience in copepod identification and a good knowledge of the English language.

EMBRC supports AZC1 with funds to cover the fee for three participants.

The registration fee is 600 € and will cover course tuition and materials, as well as social activities (welcome party, social dinner, excursion and refreshments during daily breaks). Applications should be addressed to [azc1@szn.it](mailto:azc1@szn.it) by 30 June.

The selected participants will be informed by 15 July; they should confirm their participation by 30 July.

Accommodation information will be present on web site of the course [www.azc1szn.it](http://www.azc1szn.it).



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