

## Early Career Researcher Support Programme

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### Specific Knowledge Course

#### Modern Planktonic Foraminifera: Diversity and Ecology

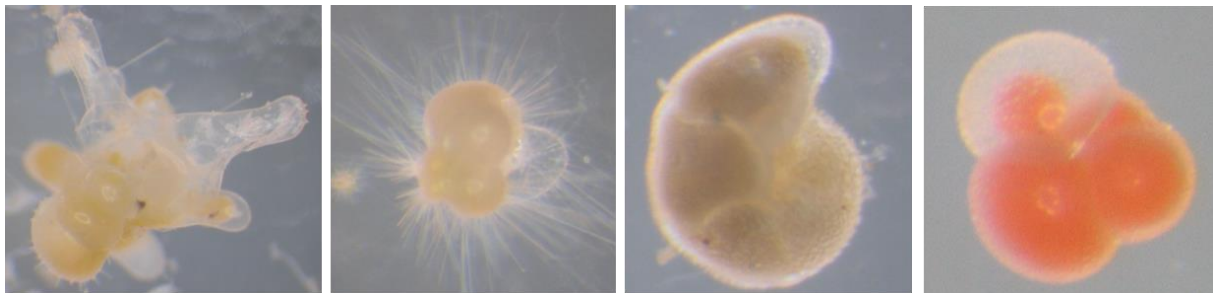
Prof. Dr. Michal Kucera

*MARUM – Center for Marine Environmental Sciences and Faculty of Geosciences, University of Bremen*

11 – 12 November 2019

#### Objectives

Fossil shells of planktonic foraminifera preserved in marine sediments constitute the main archive of information on past climate, ocean circulation and marine biotic response to environmental change. A critical prerequisite to exploit this archive is the knowledge of the organisms that produced this fossil record. The objective of this course is to review current knowledge on the biodiversity, including taxonomy, and ecology of modern planktonic foraminifera, with emphasis on the relevance of this knowledge for the application of foraminifera proxies that will be further explored in a separate course.



#### Topics

- Shell morphology, classification and genetic diversity
- Cellular structure, reproduction, trophic strategies
- Biogeography, vertical habitat and seasonal population dynamics

#### Methods

Identification of extant species

Determination of assemblage composition

Access and handling of online resources to morphology, genetic diversity and population ecology

#### Location and Time

MARUM, University of Bremen, Leobener Str. 8, 28359 Bremen, Germany

MARUM I (main) building, room 2070

09.00 – 13.00 hrs.

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### Registration

To register for this course, please visit the course webpage:  
<https://www.marum.de/en/education-career/2019-11-11.html>

*Please note that your registration will be binding.*

The registration deadline for this course is **4 November 2019**.

Any enquiries regarding the course should be addressed to [early-career@marum.de](mailto:early-career@marum.de).