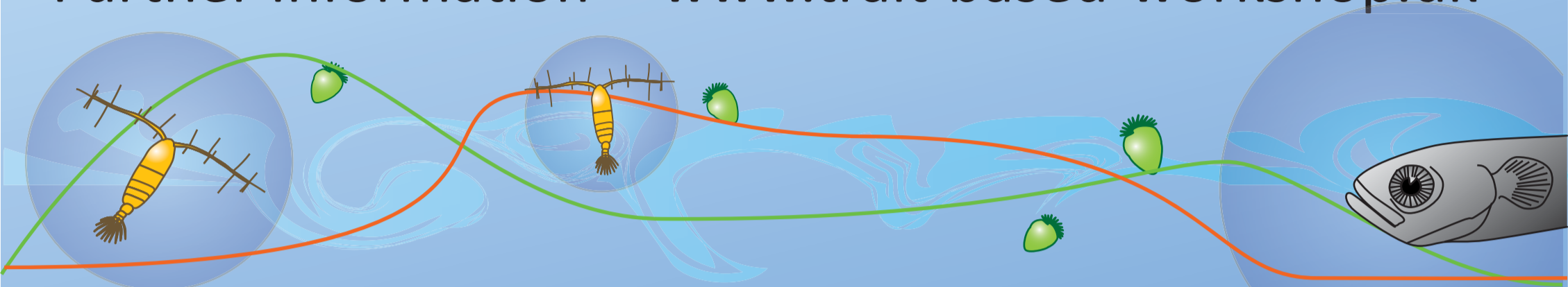


Trait-based approaches to Ocean Life

Copenhagen Workshop • 26-28 August 2013



Further Information • www.trait-based-workshop.dk



The trait-based approach to life is emerging as a novel framework to tackle the complexity of marine ecosystems. Rather than considering species per se, individual organisms are characterized by a few essential traits that describe the ensemble properties of the many species. Trait distributions emerge through evolutionary and behavioural optimization of the individual organisms respecting limitations imposed by trade-offs.

The aim is to stimulate discussion and develop ideas on three themes:

- Individuals – what are the key traits and trade-offs?
- Scaling – from individuals to populations and ecosystems
- Emergent patterns – trait biogeography and phenology

This workshop will bring together biologists, mathematicians and physicists working on different aspect of trait-based descriptions of life in the ocean or for other organisms.

Organizers: Thomas Kiørboe • Ken Haste Andersen • Patrizio Mariani • Andre Visser

Keynote speakers:

Stephanie Dutkiewicz, MIT, USA

Mark Ohman, Scripps, USA

Colleen Webb, Colorado State Univ., USA

Kai Wirtz, Inst. of Coastal Research, Germany

Daniel Falster, Macquarie University, Australia

Simon Jennings, Univ. East Anglia, UK

Scientific committee:

Tomas Bohr, Tech. Univ. Denmark

Jorn Bruggeman, University of Oxford, United Kingdom

Øyvind Fiksen, University of Bergen, Norway

Michael Follows, MIT, USA

Christopher Klausmeier, Michigan State University, USA

Elena Litchman, Michigan State University, USA

Markus Pahlow, IFM-GEOMAR, Germany

Tim J. Pedley, University of Cambridge, England

Maurizio Ribera d'Alcalá, Stazio Zoologica Napoli

Cosimo Solidoro, OGS, Italy

*Number of participants limited, but
funding available for attendance.*

Please apply for participation through our web site.

Students encouraged.

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