

Ocean Sciences Colloquium

BreMarE Day

Bremen Marine Ecology

Center for Research & Education

University of Bremen

Wednesday, November 8, 2017, 15:15 h, NW2 C0300

Marine -OMICS

Welcome address

15:15 **Prof. Dr. Wilhelm Hagen**

Vice Dean, Director, BreMarE, Faculty Biology/Chemistry, University of Bremen

15:20 **Prof. Dr. Katja Metfies**

Alfred Wegener Institute, Helmholtz Center for Polar and Marine Research, Bremerhaven

Genomics approaches in marine long term observation

15:40 Discussion

15:55 **Dr. Marlis Reich**

Molecular Ecology, BreMarE, Faculty Biology/Chemistry, University of Bremen

From DNA metabarcoding to ecological network analysis: marine fungal communities in surface water

16:15 Discussion

16:30 Coffee Break

17:00 **Dr. Uwe John**

Alfred Wegener Institute, Helmholtz Center for Polar and Marine Research, Bremerhaven

Eco-evolutionary drivers of algal blooms formation under climate change – from genes to communities

17:20 Discussion

17:35 **Dr. Manuel Liebeke**

Dept. of Symbiosis, Max Planck Institute for Marine Microbiology, Bremen

A sea of metabolites - from marine water samples to spatial metabolomics using high-resolution mass spectrometry imaging

17:55 Discussion

18:15 Drinks and Snacks