**Winter colloquium 2015/16**

**RESPONSEs to Environmental Change**

**Thursday, 18.15, Audimax, Lecture Hall 3**

22.10.2015: **Martin Wilmking (Greifswald University):**

 Rapid climate change and biological consequences - putting it into (paleo) perspective

29.10. 2015: **Manfred Milinski (Plön, MPI for Evolutionary Biology):**

 Human cooperation in the climate change game - why do we fail?

05.11. 2015: **Franjo Weissing (Groningen University):**

 The importance of mechanisms for understanding the evolution of phenotypic plasticity and the adaptive potential of a population

12.11. 2015: **Asker D. Brejnrod (Copenhagen University):**

 Metabarcoding and NGS in ecological research - does and don'ts

19.11. 2015: **Marjo Saastamoinen (Helsinki University):**

 Life history responses and underlying mechanisms to environmental stress in butterflies

26.11. 2015: **Christian Hof (Frankfurt a. M., Biodiversität und Klimawandel Forschungszentrum):**

 Climate change impacts on biodiversity: macroecological perspectives

03.12.2015: **Katja Räsänen (ETH Zurich):**

 Eco-evolutionary responses to climate change in the Baetis alpinus mayfly: insight from cryptic species

10.12. 2015: **Oliver Bossdorf (Tübingen University):**

 Ecological and evolutionary significance of epigenetic variation

17.12. 2015: **Hans-Otto Pörtner (Bremerhaven, Alfred-Wegener-Institute):**

 Oxygen and capacity limited thermal tolerance underpinning climate change responses in animals

07.01.2016: **Yann Vitasse (Davos Dorf, Eidg. Forschungsanstalt WSL):**

 Seasonality and cold hardiness of temperate trees and alpine plants

14.01.2016: **Matthias Glaubrecht (Hamburg University):**

 What freshwater snails tell us about evolution

21.01.2016: **Kirsten Thonicke (Postsdam Institute for Climate Change):**

 Role of tropical biodiversity in mitigating impacts of climate change

28.01.2016: **Justin Travis (Aberdeen University):**

 Eco-evolutionary dispersal dynamics under environmental change