

# Invitation

## Opening Ceremony of the DFG RTG 2010

- ➔ 5th May 2015, 4.15 – 8.00 p.m.
- ➔ Aula, Greifswald University  
Domstraße 11, 17489 Greifswald

### Programme

- 16.15 – 16.25 : Musical Performance
- 16.25 – 16.35 : Welcome address  
Prof. Dr. Johanna E. Weber (Rector of Greifswald University)
- 16.35 – 16.40 : Introduction  
Prof. Dr. Klaus Fischer (RESPONSE Spokesperson)
- 16.40 – 17.30 : Keynote lecture  
Prof. Dr. Fritz Trillmich (University of Bielefeld)  
*Long-term studies in variable environments: problems, frustrations and insights*
- 17.30 – 17.45 : Doctoral Researcher [Cluster A]
- 17.45 – 18.00 : Doctoral Researcher [Cluster B]
- From 18.00 : Buffett and poster presentation

### Contact

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The ability to respond to novel and changing environmental conditions, either by phenotypic plasticity, genetic adaptation, or range shifts, is pivotal to the longer-term survival of all organisms. Owing to increasing concerns about the consequences of human-induced global change, such responses have attracted increasing interest in recent years. However, while associated phenological changes and range shifts have been widely documented, other aspects remain largely unexplored. The latter include the plastic and genetic capacities for in situ responses and the factors limiting or facilitating dispersal to and colonisation of unoccupied habitats. The concomitant lack of knowledge on the limits of population persistence hinders reliable predictions on the fate of populations under rapidly changing conditions. Our research programme thus aims at improving our predictive abilities by using an integrated approach spanning different (1) types of biological responses to changing environments, (2) levels of biological organization ranging from molecular and physiological mechanisms through to ecological population-level responses, and (3) biological disciplines.