Position – 2 Postdoctoral Academic Associate Positions in Marine Visual Ecology, University of Tübingen, Department of Biology, Institute of Evolution and Ecology

The Animal Evolutionary Ecology unit studies the evolution of mechanisms used by marine fish to modify ambient light by fluorescence or reflective structures. We study the adaptive function and underlying mechanisms of these processes using state-of-the-art spectrometry. Our focus is on co-evolutionary interactions between light-radiating fish species and the optical properties of their prey and predators as well as counter-adaptations in the latter. We have >150 saltwater tanks in 4 rooms with controlled light conditions for individual performance assessment in dedicated tasks.

The successful candidate has a **PhD** in any or all of the following: Visual ecology, comparative analyses, theoretical and empirical analysis of light in natural environments, animal pigmentation, color vision, bio-optics or neuroanatomy. A good background in statistics and experimental design is required. She/he is expected to develop a high-profile research programme, teach in marine/visual ecology and supervise students at the BSc, MSc and PhD level (120 h/year). Teaching is in English. Experience with diving is an asset.

Formal employment procedures will be carried out by the University's Central Administration. The position is fulltime and limited to three years, with optional prolongation. The pay grade classification E13 refers to the German federal public service scale (TV-L).

Disabled candidates will be given preference over other equally qualified applicants. The University seeks to raise the number of women in research and teaching and therefore urges qualified women to apply.

Please send a single PDF to **office.michiels@biologie.uni-tuebingen.de** including a motivation letter as well as a full CV. Please include details on research interests and accomplishments, teaching experience, external funding plus names and email addresses of at least two referees. Screening will commence on **15 May 2015**, and will continue until suitable candidates have been identified. Earliest appointment is 1 July 2015.

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Faculty of Science, Department of Biology, Institute of Evolution and Ecology, Animal Evolutionary Ecology