

# DEPARTMENTAL SEMINAR INTEGRATIVE ZOOLOGY: Programme WS 2012

Tuesdays, 10-11:30 hrs, Seminarraum 3

Oct. 02: Vorbesprechung

Oct. 09: Emanuel Redl: *Neurogenesis in Solenogastres (Mollusca)*

Maik Scherholz: *Myogenesis in the basal mollusk Wirenia argentea (Solenogastres)*

Oct. 16: Nele Herdina: *3D micromorphological methods for quantifying form and function of the baculum in cryptic bat species*

Tim Wollesen: *Evolution and development of the cephalic region in conchiferan mollusks*

Oct. 23: Sabrina Kaul-Strehlow: *Unravelling deuterostome evolution: insights from the development of the hemichordate Saccoglossus kowalevskii*

Jörg Hammel (Jena): *A modeling approach to study fluid dynamics and functional morphology in leucon-type sponge canal systems*

Oct. 30: Iris Starnberger: *Multimodal Signaling in African Reed Frogs: Communication through calls, colours and chemical cues?*

Nov. 06: Eva & Max Ringler: *Determinants of fitness in species with complex life cycles: an island experiment in the Neotropical frog Allobates femoralis*

Alexander Böhm: *Brain anatomy in Diplura*

Nov. 13: Bernhard Schneller: *Bumblebees (Bombus) in Vorarlberg (Western Austria) - faunistics, flower visiting habits, habitat usage and association*

Martin Fritsch (Rostock): *Insights into the evolution of larval development in Branchiopoda (Crustacea): First indications of the evolutionary transformation towards Cladocera*

Nov. 20:

Nov. 27: Tabea Gianordoli: *Neurogenesis in Lyrodus pedicellatus (Bivalvia) as inferred by immunocytochemistry and confocal microscopy*

Andrea Wurzinger-Mayer: *Myogenesis and muscular remodeling during metamorphosis in the shipworm Lyrodus pedicellatus*

Dec. 04:

Dec. 11: Melanie Schreiner: *Expression of the VD1/RPD2  $\alpha$ 1-neuropeptide during development of a basal gastropod*

Dec. 18: Jürgen Herler: *Ten years of research and teaching in Red Sea coral reefs*

Ulrike Harant: *The effect of resource defence efficiency in coral-associated gobies on feeding preferences of an obligate corallivorous butterflyfish*

Jan. 08: Livia Rudoll: *Lab safety*

Jan. 15: Daniela Bartel: *Origin and Early splits in Hexapoda: A phylogenomic approach within the international initiative 1 KITE*

Maria Gruber: *Form and function of the proboscis in Euglossini (orchid bees)*

Jan. 22: Carol Resch: *Open the Gates to the Diversity of Protura: Establishing DNA barcoding in a taxonomically challenging group*

Philipp Maier: *Neuromuscular anatomy of nemertean pilidium larva*

Jan. 29: Susanne Affenzeller & Nicole Haar: *Morphometric and genetic analyses of Mediterranean Gibbula (Mollusca, Gastropoda)*