

Preliminary Program of the **Marine Mammal Morphology Workshop**

Date: 20th of March 2010 Venue: Ozeaneum Seminarraum, Stralsund (Germany)

- 8:30 *Registration*
- 9:00 *Opening: Stefan Huggenberger and Helmut A. Oelschläger*
- 9:15 **R. Ewan Fordyce** (Otago, New Zealand)
"Skull anatomy of modern Cetacea"
- 9:50 **Anders Galatius** (Copenhagen, Denmark)
"Paedomorphosis in toothed whales"
- 10:05 **Sentiel A. Rommel** (Wilmington, NC, U.S.A.)
"Vascular structures associated with the air sacs and fatty bodies in the ventral heads of shallow and deep diving odontocete cetaceans"
- 10:40 *Coffee break*
- 11:10 **Sirpa Nummela** (Helsinki, Finland)
"Ear and hearing in marine mammals"
- 11:45 **Maria Morell** (Barcelona, Spain)
"Scanning electron microscopy images of odontocete cochlea"
- 12:00 **Stefan Huggenberger** (Köln, Germany)
"The sperm whale head"
- 12:15 *Lunch*
- 13:15 **Helmut A. Oelschläger** (Frankfurt am Main, Germany)
"Brain circuitry and ecophysiological adaptations of toothed whales"
- 13:50 **Camilla Butti and Patrick R. Hof** (New York, NY, U.S.A.)
"Anatomical convergence in the cerebral cortex: evidence from cetaceans, great apes, and elephants"
- 14:25 *Coffee break*
- 14:55 **Alexander Kern** (Frankfurt am Main, Germany)
"The harbour porpoise neocortex: Stereological implications"
- 15:10 **Frederike Hanke** (Rostock, Germany)
"The pinniped eye"
- 15:25 **Peter Langer** (Gießen, Germany)
"The digestive tract, especially the stomach, of the Cetartiodactyla. - A re-interpretation"
- 15:40 **Pavel E. Gol'din** (Crimea, Ukraine)
"Growth stages in cetaceans: implications for practice"
- 15:55 **Maria Laura Costantino** (Milan, Italy)
"Trachea of dolphins"
- 16:10 *Break*
- 16:50 **Bruno Cozzi** (Padova, Italy)
"Endocrinology of cetaceans"
- 17:25 **Tadasu K. Yamada** (Tokyo, Japan)
"Comparative aspects of the shoulder girdle of marine mammals"
- 18:00 - 18:30 **Final discussion:** Present and future morphological research in marine mammals: Modern challenges and common objectives.