

# Doctoral Course in Earth Sciences

*Dipartimento di Geoscienze*

*Padova, January 22, 2016*

## Program of Initial presentations (XXXI cycle)

January, 22, 2016 h.9.00

Laboratorio didattico di Macropaleontologia, Room 03-023, third floor (didactic area)

**h. 9.00 Balestrieri Chiara** (Tutor: Agnini)

Title: Coccolith carbonate flux analysis in the Southern and Pacific Ocean.

**h. 9.15 Brenna Andrea** (Tutor: Surian)

Title: Estimate of bedload transport in Large Gravel-Bed Rivers.

**h. 9.30 Cappelli Carlotta** (Tutor: Agnini)

Title: Paleoclimatic evolution during the early to middle Eocene: inferences from calcareous nannoplankton assemblages of the Paleogene Newfoundland Basin (NW Atlantic).

**h. 9.45 Ronchi Livio** (Tutor: Fontana)

Title: Late-Quaternary paleovalleys in the Northern Adriatic shelf and related alluvial plains.

**h. 10.00 Song Sha** (Tutor: Cassiani)

Title: Characterization of fluid system by using seismic data and theoretical models.

**h. 10.15 Tommasini Laura** (Tutor: D'Alpaos)

Title: Biogeomorphic feedbacks controlling the retreat of salt-marsh margins: field observations and modelling.

**h. 10.30 Vettorello Arianna** (Tutor: Nestola)

Title: A new multi-analytical approach in the study of synovial fluid crystals: a combined investigation of electron microscopy, micro-Raman spectroscopy and X-ray micro-diffraction.

**h. 10.45 Xin Jin** (Tutor: Preto)

Title: The Carnian (late Triassic) extreme climate event: comparison of the Italian Tethys and South China geological records.

**h. 11.00 De Toffoli Barbara** (Tutor: Massironi)

Title: Gas emission centres on Mars surface and putative biological contribution.

**h. 11.15 Collanega Luca** (Tutor: Breda):

Title: Tectonic evolution of the South-western Barents Sea.