

# Doctoral Course in Earth Sciences

*Dipartimento di Geoscienze*

*Padova, October 14, 29-30, 2015*

## Program of Mid-term PhD presentations

Wednesday, October 14 2015 - Sala del Consiglio

**h. 9.00 - Alberto Ceccato** (XXX cycle): STRUCTURAL EVOLUTION OF PERIADRIATIC PLUTONS AND ITS IMPLICATIONS ON SOLID-STATE DEFORMATION OF GRANITOIDS ROCKS

**h. 9.20 - Chiara Anzolini** (XXX cycle): INCLUSIONS IN SUPER-DEEP DIAMONDS

**h. 9.40 Giuseppa Forte** (XXX cycle): AN INTEGRATED STUDY ON LATE CISURALIAN (EARLY PERMIAN) PALAEOENVIRONMENTS AND PALAEOCLIMATE OF SOUTHERN ALPS

**h. 10.00 - Matteo Demurtas** (XXX cycle): QUANTIFICATION OF THE GEOMETRICAL COMPLEXITY OF SEISMOGENIC FAULT ZONES IN CARBONATES

**h. 10.20 Silvia Salvini** (XX cycle X): DETERIORATION OF CARBONATE ROCKS AND VULNERABILITY OF CULTURAL HERITAGE IN A CHANGING CLIMATE

Thursday, October 29, 2015 - Laboratorio didattico di Macropaleontologia, Room 03-023, third floor

**h. 9.00 - Giorgia Moscon** (XXVIII cycle): VARIABILITY OF LATE-QUATERNARY TRANSGRESSIVE SEDIMENTATION IN THE NORTHERN ADRIATIC SEA

**h. 9.30 - Alvise Finotello** (XXIX cycle): MODELING TIDAL AND TIDALLY-INFLUENCED POINT BARS: FACIES DISTRIBUTION AND IMPLICATION FOR RESERVOIR PRODUCTION DEVELOPMENT

**h. 9.50 - Luigi Germinario** (XXIX cycle): ARCHAEOOMETRY OF TRACHYTE FROM THE EUGANEAN HILLS (NE ITALY): PROVENANCE QUARRY RECOGNITION AND WEATHERING ANALYSIS

**h. 10.10 - Mariachiara Zaffani** (XXIX cycle): GEOCHEMICAL CHARACTERIZATION OF THE NORIAN-RHAETIAN TRANSITION: IS THERE ANY EVIDENCE OF AN OCEANIC ANOXIC EVENT?

**h. 10.30 - Stefano Aretusini** (XXIX cycle): FRICTIONAL PROCESSES OF SMECTITE-RICH GOUGES AT HIGH SLIP RATES

**h. 10.50 - Valerio Vivaldi** (XXIX cycle): MORPHOMETRIC ANALYSIS COMPARISON OF DIFFERENTLY DEGRADED SIMPLE CRATERS ON THE MOON

Thursday, October 29, 2015 - Sala del Consiglio

**h. 14.00 - Enrico Busnardo** (XXVIII cycle): CAUSES AND PROCESSES OF SHALLOW LANDSLIDES INVOLVING WEATHERED VOLCANIC DEPOSITS

**h. 14.30 - Caterina Canovaro** (XXVIII cycle): MINING AND DIFFUSION OF ALPINE COPPER IN THE BRONZE AGE

**h. 15.00 - Chiara Coletti** (XXVIII cycle): BRICKTECH: FROM THE CHARACTERIZATION OF TRADITIONAL BRICKS TO THE OPTIMIZATION OF NEW MIX DESIGNS FOR SUSTAINABLE PRODUCTION

**h. 15.30 - Marcella Roner** (XXVIII cycle): READING SIGNATURES OF THE PAST TO PREDICT THE FUTURE: 1000 YEARS OF STRATIGRAPHIC RECORD OF THE VENICE LAGOON

Friday, October 30, 2015 - Laboratorio didattico di Macropaleontologia, Room 03-023, third floor

**h. 9.00 - Lara Brivio** (XXVIII cycle): MORPHODYNAMIC EVOLUTION OF MEANDERING CHANNELS IN TIDAL LANDSCAPES: SEDIMENTOLOGY AND STRATAL ARCHITECTURE

**h. 9.30 - Laura Agostini** (XXVIII cycle): GEOTHERMAL DISTRICTS OF THE VERONA PROVINCE AND SUSTAINABLE USES OF HOT WATER RESOURCES

**h. 10.00 - Giorgia Dalla Santa** (XXVIII cycle): ENVIRONMENTAL HAZARDS IN THE GROUND DUE TO A BOREHOLE HEAT EXCHANGER'S EXTREME THERMAL STRESS

**h. 10.30 - Matteo Maron** (XXVIII cycle): CONTRIBUTION TO THE LATE TRIASSIC GEOCHRONOLOGY BY MAGNETOSTRATIGRAPHIC CORRELATIONS BETWEEN TETHYAN MARINE SECTIONS AND THE NEWARK APTS