



Ph.D. Day 2020
Friday, 23rd October 2020
[Online at meet.google.com/dks-cwpm-gzb](https://meet.google.com/dks-cwpm-gzb)

9.00-11.00

Oral Presentations by XXXIII cycle (20' + 10' discussion)

- **Selmi Lidia:** “Environmental investigation aiming to outline sites and landscapes potentially recognizable as UNESCO Geoparks”
- **Ligabue Maria Laura:** “Synthesis, characterisation and application of silicon based materials in different areas”
- **Benassi Andrea :** “Decomposition of mammal carcasses and succession of species in Northern Italy freshwater ecosystems”
- **Righi Sara:** “Ecology and physico-chemical weapons of the Mediterranean range-expanding fireworm *Hermodice carunculata* (Annelida)”

11.00-13.00

Flash Poster-Presentations of XXXIV and XXXV cycles (5' + 5' discussion)

- **Aguzzoli Alessandro:** “Geophysical Data Processing for Shallow Subsurface Characterization
- **Ahmad Mohamad:** “Improving state-of the art hyperspectral imaging to resolve complex chemical samples”
- **Bergamini Giulia:** “Effects of a macrophage-depleting drug on tentacle regeneration in the adult apple snail, *Pomacea canaliculate*”
- **Critelli Vincenzo:** “Stochastic approaches in the optimization of hydro-mechanical models of landslides”
- **Lodesani Federica:** “Computer Simulation of nucleation and crystallization of silicate glasses”
- **Poletti Fabrizio:** “Synthesis and characterization of novel nanostructured materials for amperometric sensors”
- **Maletti Laura:** “A fractionation strategy to recover bioactive analytes from Cucurbitaceae fruits”
- **Tomassetti Laura:** “Processes for the inertization and recycling of asbestos containing wastes: environmental analysis and impact of industrial applications”
- **Verhoest Léna:** “Melting an heterogeneous Earth’s mantle under an extreme thermal gradient”
- **Clò Eleonora:** “What can be inferred through Palynology close to an archaeological site: the case study of the Terramara S. Rosa di Poviglio”
- **Fantini Riccardo:** “The use of zeolites in drug delivery”

14.00-15.30

Oral Presentations XXXIII cycle (20' + 10' discussion)

- **Buffagni Mirko:** “Anomalous Gelation During the ATRP of Styrene”
- **Savioli Martina:** “Bioapatite in fossil and living organisms”
- **Tassinari Renzo:** “PGEs and Stable Metal Isotopic Ratios in terrestrial and extra-terrestrial geological materials”