

Lectures INNOLEC

Innovative lectures

Dr. Antonio Simonetti

Associate Professor

Department of Civil & Environmental Engineering & Earth Sciences

University of Notre Dame

Notre Dame, IN 46556

USA

University Campus Bohunice, **A11/132, Thursday, November 12, 2013, 14:00 – 16:00 h**

- Nuclear forensics: Deciphering nuclear device components within post-detonation materials
- Combined trace element, isotopic and geochronological investigation of accessory minerals within magmatic rocks: implications for mantle sources and melt differentiation processes

University Campus Bohunice, **A14/207, Friday, November 13, 2013, 10:00 – 12:00 h**

- Application of trace element and Sr isotope analyses to anthropological and environmental research
- Description of instrumentation capabilities and data reduction protocols employed during in-situ LA-MC-ICP-MS isotopic analyses