



UNIVERSITÀ
DI PAVIA

Dottorato in Scienze della Terra e dell'Ambiente

FRONTIERS IN ICP-MS/MS APPLICATION IN EARTH AND ENVIRONMENTAL SCIENCES

08:30 - 09:00: Registration

09:00 – 9:15: **Alberto Zanetti (IGG-Pavia)**

Opening of the School

9:15 – 10:00: **Peter Planitz (Agilent Technologies)**

The wild open field ahead-pushing the limits of QQQ-ICP-MS

10:00 – 10:45: **Benoit Caron (Sorbonne Université, Paris)**

Contribution of geochemistry with ICP-MS/MS in climate-volcano relationship: example of the Young Toba

Tuff supereruption 74ka.

10:45-11:00: Coffe Break

11:00 – 12:15: **Thomas Zack (University of Gothenburg, Sweden)**

Interference removal by ICP-MS/MS: insights for 72 elements

12:15 – 13:00: **Thomas Zack (University of Gothenburg, Sweden)**

Recent findings of in-situ beta-decay geochronology

13:00 – 14:15: Lunch

14:15 – 15:00: **Costanza Bonadiman (Università di Ferrara)**

Probing the Earth's Mantle with LAM-ICPMS

15:00 – 15:45: **Peter Planitz (Agilent Technologies)**

Nano particle Analysis and possible contributions of ICP MS

15:45-16:00: Coffe Break



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16:00 – 16:45: **Gian Maria Beone (Università di Piacenza)**

Determination of hexavalent chromium in soil samples from contaminated area in northern Italy by isotope dilution mass spectrometry

16:45- 17:30: **Antonio Langone (IGG-Pavia)**

Agilent 8900 QQQ-ICP-MS coupled to 193 nm Excimer Laser: Early applications and future developments