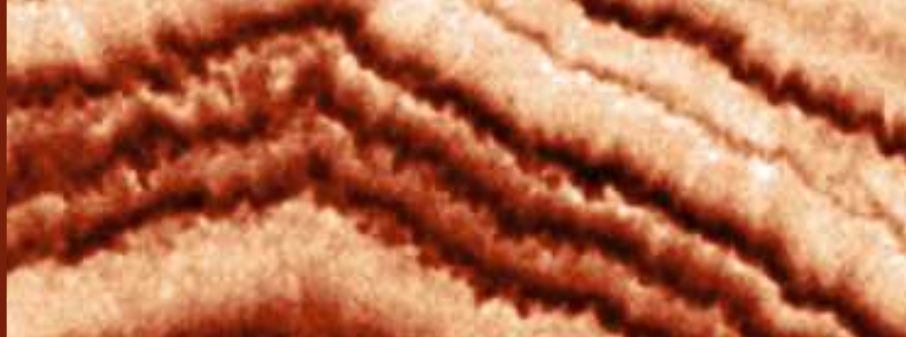




5<sup>th</sup> ISGC  
Budapest  
Hungary



# Workshop on Raman Spectroscopy in the Earth Sciences

## Scope

The workshop will cover the theoretical basics of Raman spectroscopy, the operational principles of modern Raman spectrometers, an introduction to recommended data reduction methods and to the interpretation of spectra. The methods and goals of obtaining high-resolution point analyses, line scans and Raman-based images will be discussed and illustrated. A selection of applications from different fields of the Earth sciences will be presented.

The workshop aims at enabling participants to understand the role and applicability of Raman spectroscopy in their Earth sciences related research. It is targeted towards graduate and PhD students interested in applying Raman spectroscopy as a non-destructive analytical tool. Due to the limited space in the Raman laboratory, demonstration will be limited to a short visit to the laboratory and an explanation of the instrument parts and functions.

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## Information

**Date:** 25<sup>th</sup> April 2014

**Attendance:** free for the participants of the 5<sup>th</sup> ISGC but requires registration

**Number of participants:** max. 15

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**Presenter:** Dr. Tamás Váczi

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