

WSC3: Quantitative image analysis of minerals and rocks (short course)

Date: August 28-29 (post-conference)

Venue: Eötvös L. University Danube Riverside Campus (Lágymányos), Budapest (Hungary) (IMA2010 conference venue)

Scientific sponsors:

This Short Course is a joint organization of IMA2010 and IAMG2010 international conferences both held in Budapest at two days interval. It is held under the auspices of three societies:

- [Commission on Applied Mineralogy \(IMA-CAM\)](#)
- [International Association for Mathematical Geosciences \(IAMG\)](#)
- [International Association for Stereology and Image Analysis \(ISS\)](#)

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Convenors: Eric Pirard (GeMMe, Université de Liège), Patrick Launeau (Université de Nantes)

Length (days): 2

Brief summary: This Short Course is intended to initiate mineralogists and geologists to the use of quantitative tools in microscopy. This includes the appropriate use of image acquisition technologies in 2D and 3D (digital imaging with optical, electronic and X-ray instruments), as well as an introduction to the principles of stereology and image analysis used in measuring the size and shape of grains and particles as well as the fabric and textural properties of rocks.

The Short Course will be taught by leading scientists in their fields who will illustrate theoretical aspects with a series of case studies in mineralogy, particle science and petrography.

No. of sessions: to be announced later

No. of participants: min. 12 - max. 24

Price per participant: (incl. coffee breaks, lunch, closing event)EUR 150: for IMA2010, MECC2010 or IAMG2010 participants

EUR 260: for interested persons not registered at the above 3 meetings

For more details on the content: please contact gemme@ulg.ac.be

For registration: please contact [Robert Hohol](#)