

EPDIC-10

European Powder
Diffraction Conference
Geneva
September 1 - 4, 2006



UNIVERSITÉ DE GENÈVE



Swiss Society for Crystallography



Methods, techniques

- structure solution and refinement
- indexing powder patterns
- line profile analysis
- stress, strain and texture
- phase analysis
- instrumentation
- non-ambient conditions
- phase transitions
- fibre diffraction
- software, databases
- hard X-rays, neutrons, electrons
- reflectivity, grazing incidence
- small-angle scattering

Applications in

- materials science
- biology
- pharmaceutical research
- chemistry
- physics
- industry

Materials

- organic materials
- polymers
- inorganic materials
- minerals
- disordered structures
- thin films and multilayers
- metals and alloys
- intermetallic compounds
- magnetic materials
- ferroelectric materials
- energy storage materials
- ionic conductors
- nano-materials
- composites
- ceramics
- catalysts
- amorphous materials, glasses

The **European Powder Diffraction Conference (EPDIC)** is the only European conference completely dedicated to all aspects of the analysis of polycrystalline materials by diffraction methods. Started in Munich in 1991, **EPDICs** have rapidly become reference points for all researchers in the field, and are now ideal places for the presentation and diffusion of new developments in powder diffraction instrumentation, analysis, and applications.

Invited Speakers

Simon Billinge, *Michigan University*
Olivier Thomas, *Université Paul Cezanne*
Andreas Leineweber, *MPI Stuttgart*
Irene Margiolaki, *ESRF*
Vitalij K. Pecharsky, *AMES*
Winfried Kockelmann, *ISIS*

Microsymposia

16 microsymposia on methods and applications of powder diffraction

Workshops (August 31 – September 1)

Powder Diffraction Software Workshop 'Under the Bonnet'
Pharmaceutical Applications of Powder Diffraction
Nano-materials and Powder Diffraction
ICDD Workshop

Conference venue

Uni Mail, University of Geneva

Contact

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www.sgk-sscr.ch/EPDIC10