



ECASIA'07  
BRUSSELS

## ECASIA '07 – Scientific Topics.

### Scientific topics

The aim of the biennial European Conference on Applications of Surface and Interface Analysis (ECASIA) is to bring together scientists from industry, academia, government and suppliers of equipment for surface analysis.

### Scientific topics include:

- Metals
- Oxides
- Polymers
- Imaging
- Tribology
- Ceramics
- Biomaterials
- Nanomaterials
- Corrosion
- Adhesion
- Quantification
- Solid-liquid interface
- Micro & optoelectronics
- Catalytic materials
- Magnetic materials
- Thin films and coatings
- Standardization
- Depth profiling
- Simulation and software
- Technique development
- Surface modification
- Data interpretation

### Special Sessions

Together with these topics, the organizers would like to highlight some specific research areas in **special integrated sessions**:

New optical techniques for surface characterization  
(Raman, IR, ellipsometry, SPR)

*Invited Speaker* : **Peter Weightman**  
University of Liverpool, Liverpool (UK)

Use of surface analysis methods to study corrosion and passivation of metals: special session dedicated to Prof. Vereecken (VUB Brussels) - **Thursday, September 13, 2007.**

*Invited Speaker* : **Philippe Marcus**  
Ecole nationale supérieure de chimie et de physique,  
Paris (France)

Surface analysis in cultural heritage

*Invited Speaker* : **Mark Pollard**  
University of Oxford, UK

Green surfaces

*Invited Speaker* : **Howard Fairbrother**  
John Hopkins University Baltimore (USA)

Nano-Analysis at Surfaces

*Invited Speakers* : **Chris Grovenor**  
University of Oxford (UK)  
**Don Baer**  
Pacific Northwest National Laboratory, Richland  
(USA)

Biomaterials and biocompatibility

*Invited Speaker* : **Dave Castner**  
University of Washington - Seattle (USA)

Surface modelling and surface analysis

*Invited Speaker* : **Egbert Zojer**  
Graz University of Technology (Austria)