

The summer School on “Process, microstructure and properties of electroceramics: issues and recent advances” was organised by ECerS (Catherine Elissalde, Sophie Guillemet, Jean-Christophe Orlianges, Francis Cambier, Véronique Huart and Anne Leriche) in Le Poudrier in Limoges, from Thursday 23rd to Saturday 25th June 2016.

Hot topics, such as low temperature synthesis, shaping and innovative technologies (3D printing); microstructure-properties relationships in heterogenous ceramics; functional ceramics (ferroelectric, piezoelectric, multiferroic) and industrial issues will be discussed.

There were 47 participants (17 female – 30 male) registered from 17 countries:

- 28 from European countries : Belgium (5), Czech Republic (1), Estonia (1), France (11), Germany (2), Italy (1), Norway (4), Spain (1), UK (2)
- 19 from non European Countries : Australia (1), USA (6), Mexico (2), Puerto Rico (1), Thailand (1), India (3), Pakistan (1), Tunisia (4)

The registration fee was of 300 € for ECerS and ACerS members and of 400 € for non members including meals and accommodation in Le Poudrier. 15 grants were allowed by the American Ceramic Society for travel (\$ 1,000).

The school proposed lectures given by internationally recognized experts and round tables between PhD students/young researchers and lecturers about the thesis topics. Here is the list of the 13 professors:

- P. Vilarinho - University of Aveiro - Research Centre In Ceramics and Composites (Portugal)
- H. Beltran - Universidad Jaume I - Castellón (Spain)
- W.A. Groen - Delft University of Technology (The Netherlands)
- J.C. Nino - University of Florida, Gainesville (USA)
- F. Mauvy - ICMCB- University of Bordeaux (France)
- R. West - University of Sheffield –Department of Materials Science and Engineering (UK)
- V. Buscaglia - Institute for Energetics and Interphases - Genoa (Italy)
- T. Chartier – University of Limoges (France)
- C. Randall - Materials Science and Engineering, Penn State (USA)
- M. Algueró - Instituto de Ciencia de Materiales de Madrid (Spain)
- D. Damjanovic - Ecole Polytechnique Fédérale de Lauzanne (Switzerland)
- JB Fruhauf - Société Céramiques Techniques - Tarbes (France)
- M. J. Hoffmann - Karlsruhe Institute of Technology (Germany)

All the participants and teachers received JECS Trust advertising tools: USB keys with the lectures of the teachers, notepads and pens.

Advertisement on ECerS, Young Ceramists Network and JECS Trust was also made during the Summer School (oral presentation).

Mons, 16th September 2016

Dr F. Cambier
Organizer of the Summer School