

European C-MAC



European C-MAC EuroSchool “Intermetallic Compounds and Energy Applications” at the University of Liverpool, June 16-20th 2014

Scope

The EuroSchool addresses the topic of intermetallic compounds and energy applications. The EuroSchool starts with an overview of the energy landscape, followed by lectures and tutorials on a general introduction to intermetallic compounds. This is followed by lectures on applications to energy generation and storage including thermoelectrics, magnetocalorifics and catalysis.

The lectures are presented by the leading experts in the different fields and are complemented by tutorials and practical sessions. In addition, an academic “speed-dating” event, time for discussion with the lecturers, a lab visit, a skills session on scientific writing, a poster session and an excursion to one of the global leaders in chemical industry is foreseen.

The Euroschool will also have a social programme including a Euroschool dinner, a music/social evening and a walking tour of Liverpool.

Up-to-now Confirmed Speakers and Topics:

Dr Julia Dshemuchadse, Zurich - Structure
Prof Yuri Grin, Dresden – Chemistry of intermetallic compounds
Dr Emilie Gaudry, Nancy – Theory of intermetallic compounds
Dr Hem Raj Sharma, Liverpool - Surfaces of intermetallics
Dr Joe Smerdon, Preston– Image analysis and visualisation
Dr Petr Tomes, Vienna – Thermoelectrics
Dr Marc de Boissieu, Grenoble – Thermal conductivity and phonons
Dr Marc Armbruster, Dresden– Catalysis
Dr Anja Waske, Dresden – Magnetocalorifics
Dr. David Joss, Liverpool – Introduction to scientific writing

Target Audience

This EuroSchool is aimed at advanced students, PhD students and PostDocs in the fields of intermetallic compounds or complex metallic alloys. Other participants interested in the topics are highly welcome.

Registration

The number of participants is limited. Registration is available until 15th May.

For more information, registration and the up-to-date program please visit our [Euroschool 2014 website](#).

Contact and Organization

School of Physical Sciences, The University of Liverpool
Liverpool L69 3BX, UK

Phone: +44 151 794 3363

Carla Yates, Euroschool Secretary - carlaj@liverpool.ac.uk

Ronan McGrath, Euroschool Chair – mcgrath@liv.ac.uk

Local organising committee:

Dr Hem Raj Sharma – h.r.sharma@liv.ac.uk

Dr. Joe Smerdon - JSmerdon@uclan.ac.uk