



4th TYC-Energy Materials Workshop

EPSRC-Toucan Critical Mass Conference

Shaping nanocatalysts

King's College London, 14-16 December 2016



The goal of this workshop is to explore the opportunities for the characterization and optimization of nanocatalysts arising from recent advances in controlling their formation process. The control of the geometrical shape of multi-metallic nanoparticles is an efficient way to tune electronic properties and physicochemical features. This workshop will focus on addressing how morphology influences catalytic activity, including the use of plasmonic nanoparticles as nanocatalysts.

List of Invited Speakers

Keynote speakers:

Richard Catlow (UCL/Cardiff, UK)

Stefan Vajda (ANL, USA)

Graham Hutchings (Cardiff, UK)

Suljo Linic (Michigan, USA)

Livia Bartok (Cambridge, UK)

Henrik Groenbeck (Chalmers, Sweden)

Riccardo Ferrando (Genoa, Italy)

Alessandro Fortunelli (CNR-Pisa, Italy)

Francesc Illas (Barcelona, Spain)

Caetano Miranda (USP, Brazil)

Kostantin Neyman (Barcelona, Spain)

Gianfranco Pacchioni (Milan, Italy)

Christian Papp (Erlangen, Germany)

Laurent Piccolo (Lyon, France)

Karsten Reuter (Munich, Germany)

Philippe Sautet (Lyon, France)

Dmitri Schebarchov (Cambridge, UK)

Chris-Kriton Skylaris (Southampton, UK)

Hansi Weissker (Marseille, France)

Anatoly Zayats (KCL, UK)

Tutorial speakers

David Wales (Cambridge, UK)

Roy Johnston (Birmingham, UK)

Gabor Csanyi (Cambridge, UK)

Francesca Baletto (KCL, UK)

Chris Pickard (Cambridge, UK)

John Doye (Oxford, UK)

Registration throughout the TYC website www.thomasyoungcentre.org/events/energy-materials-workshop/



THEORETICAL
CHEMISTRY
GROUP

EPSRC

Engineering and Physical Sciences
Research Council

