

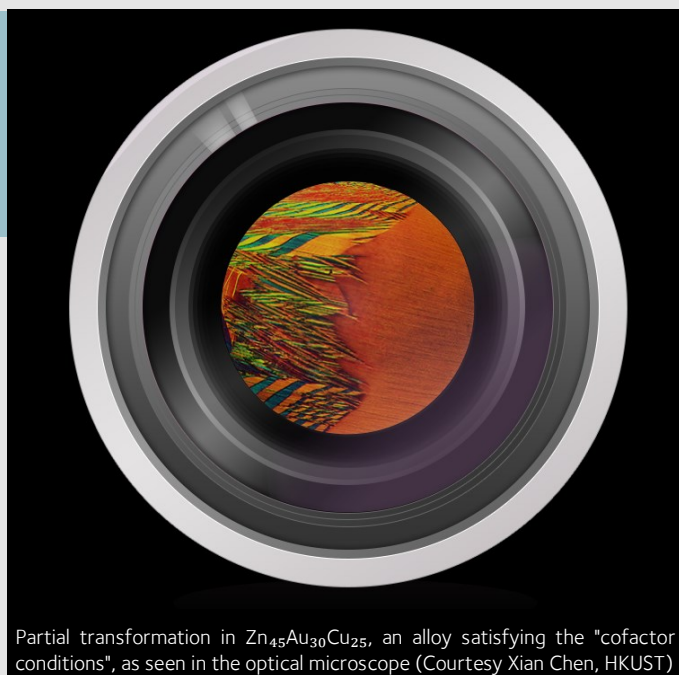
Hysteresis, Avalanches and Interfaces in Solid Phase Transformations

In recent years there has been significant progress in the experimental and theoretical understanding of solid phase transformations, as exemplified by the recent systematic search for and discovery of ultra-low hysteresis alloys. Interfaces involving complex microstructures are generated by such transformations, accompanied by avalanches of acoustic emissions. The conference will bring together both leading experts and early career researchers to further advance the constructive interplay between theory and experiment on these topics.

**Andrew Wiles Building
University of Oxford
19-21 September 2016**

Speakers

Pierluigi Cesana (Kyushu University)
Xian Sherry Chen (Hong Kong University Sci & Tech)
Karin A Dahmen (University of Illinois)
Tomonari Inamura (Tokyo Inst of Tech)
Richard D James (University of Minnesota)
Konstantinos Koumatos (Gran Sasso Science Inst)
Kirsten Martens (Joseph Fourier Grenoble 1)
Antoni Planes (University of Barcelona)
Eckhard Quandt (Kiel University)
Ekhard Salje (University of Cambridge)
Hanuš Seiner (Academy of Sciences Czech Republic)
Aaron Stebner (Colorado School of Mines)
Eduard Vives (University of Barcelona)
Giovanni Zanzotto (University of Padova)



Early career researchers (graduate students and post-docs) can present a poster of their work. See the website for details.

Organisers

John Ball (University of Oxford)
Richard D James (University of Minnesota)
Angkana Rüland (University of Oxford)

Support for early career researchers (graduate students & post-docs) is available. See the website.



Full Details:

www.maths.ox.ac.uk/r/hiaconference

