



Centrum Studiów Zaawansowanych Politechniki Warszawskiej  
Center for Advanced Studies Warsaw University of Technology



PROGRAM ROZWOJOWY  
POLITECHNIKI WARSZAWSKIEJ

WARSAW UNIVERSITY OF TECHNOLOGY DEVELOPMENT PROGRAMME

## CAS VISITING LECTURES SERIES

Center for Advanced Studies WUT  
invites to series of „CAS visiting lectures 2010/2011”

# Professor Isaac Abrahams

Queen Mary, University of London

## Ionic Conductors: Characterisation of Defect Structure

*presents a series of lectures on:*

- Introduction to crystal chemistry** 25 February, Friday, 11:15-14:00 room 309
- Defects in crystalline solids** 2 March, Wednesday, 14:15-16:00 room 113
- Fast ion conduction in crystalline solids** 7 March, Monday, 16:15-19:00 room 309
- Fast ion conduction in amorphous solids** 9 March, Wednesday, 14:15-16:00 room 113
- Structure-conductivity relationships** 16 March, Wednesday, 14:15-16:00 room 113
- Defect structure analysis by neutron diffraction** 23 March, Wednesday, 14:15-16:00 room 113
- Total scattering analysis** 28 March, Monday, 16:15-18:00 room 309

*and holds workshops:*

- Basic crystal structures and their relationships** 4 March, Friday, 11:15-14:00 room 309
- Defects, dislocations and defect clusters** 11 March, Friday, 11:15-14:00 room 309
- Fluorites structure and conductivity** 18 March, Friday, 11:15-14:00 room 309
- Phase transitions in solid electrolytes** 21 March, Monday, 16:15-19:00 room 309
- Defect structure analysis from powder neutron data** 25 March, Friday, 11:15-14:00 room 309

*Seminars will take place in the spring term 2010/2011  
Faculty of Physics Building, Koszykowa 75*

For more detailed information please visit our website:

[www.csz.pw.edu.pl](http://www.csz.pw.edu.pl)

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Lectures have been supported by the European Union in the framework of European Social Fund