

MACAN Thermodynamics Workshop

12th-16th November, 2012

| Monday, Nov. 12, 2012 | | Tuesday, Nov. 13, 2012 | | Wednesday, Nov. 14, 2012 | | Thursday, Nov. 15, 2012 |
|-----------------------|---|------------------------|---|--------------------------|--|-------------------------|
| 8:30-10:00 | Philosophical Perspective of Thermodynamics (Craig Carter) | 8:30-10:00 | Why do oxygen traces impact surfaces/interfaces and wetting of metal on oxide? (Dominique Chatain) | 8:30-10:45 | Atomistic thermodynamics of interfaces (Mike Finnis) | field trip? |
| 10:00-10:30 | coffee break | 10:00-10:30 | coffee break | | | |
| 10:30-12:30 | Equilibrium Crystal Shapes & Wulffmaker Tutorial (Rachel Zucker) | 10:30-12:00 | Microstructure evolution in solids controlled by diffusion along interphase boundaries (Eugen Rabkin) | 10:45-11:15 | coffee break | |
| | | 12:00-12:45 | Thermodynamic Simulation of Interactions at Metal/Ceramics Interfaces Obtained by CVD: The Role of Chlorine-Containing Compounds (Igor Konyashin) | 11:15-12:00 | Single wall Carbon NanoTube growth from Ni nanoparticle (Christophe Bichara) | |
| 12:30-13:30 | lunch | 12:45-13:45 | lunch | 12:00-13:00 | lunch | |
| 13:30-14:30 | The size-dependent equilibrium shapes of Pb inclusions (Erik Johnson) | 13:45-16:45 | Wetting & Surface Evolver Tutorial (Dominique Chatain) | 13:00-14:00 | Interfaces, impurities and their interaction: below, at and above saturation (Mehmet Ali Gulgun) | |
| 14:30-15:00 | coffee break | | | 14:00-14:30 | coffee break | |
| 15:00-17:00 | 5-minute introduction from the participating young scientists | | | 14:30-15:30 | Self-assembly of biomolecules at the air/water interface (Mehmet Sayar) | |
| 17:00-19:00 | cocktail reception and posters | 17:00-18:30 | Tutorial on Delivering Presentations for the Young Researchers (Craig Carter) | 15:30-17:30 | general discussion on macro-/micro-scale interface thermodynamics | |
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| | | 19:00-??? | dinner | 19:00-??? | dinner | |
| 19:30-??? | dinner | | | | | |