

| Wednesday, December 10 th 2014 | | Institute of Physics, <i>Bijenička 46, Zagreb</i> |
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| | Chair: Hem Raj Sharma | |
| 9:00 – 9:40 | Marc Armbrüster The Surface Dynamics of Intermetallic Compounds in Catalysis | |
| 9:40 – 10:05 | Ronlad Widmer Surface science investigations on structures and adsorption sites of single crystal PdGa surfaces | |
| 10:05 – 10:25 | Abdullah Al-Mahboob In-situ microscopic study of surfaces of intermetallic compounds for catalysis | |
| 10:25 – 10:45 | Ivo Batišć DFT modeling and transport properties of PdGa and PdIn compounds | |
| 10:45 – 11:05 | Denis Ivarsson In situ investigation of bulk ZnPd: different synthesis – new results | |
| 11:05 – 11:25 | Marija Sorić Investigation of thermal stability of Al-Mo films | |
| 12:25 – 11:45 | COFFEE BREAK | |
| | Chair: Vincent Fournée | |
| 11:45 – 12:10 | Julian Ledieu Chemical bonding networks and their role on the structure of Al ₁₃ TM ₄ (TM= Fe, Ru) surfaces | |
| 12:10 – 12:30 | Mathias Meier Influence of the 3-dimensional cluster and preparation conditions on the structure of Al ₅ Co ₂ (2 $\bar{1}$ 0) and (100) surfaces | |
| 12:30 – 12:50 | Marcus Heidelmann Comprehensive model of metadislocation motion in o-Al ₁₃ Co ₄ | |
| 12:50 – 14:40 | LUNCH BREAK | Restaurant “Andrija Štampar” <i>Rockefellerova 4, 3rd floor, Zagreb</i> |
| | Chair: Patrik Schmutz | |
| 14:40 – 15:20 | Marie-Geneviève .-G. Barthés-Labrousse Surface chemistry of CMAs | |
| 15:20 – 15:45 | Aurélie Joseph Mechanical properties of Al/Al-Cu-Fe composites newly elaborated by Spark Plasma Sintering | |
| 15:45 – 16:05 | Daniel Söpu Molecular dynamics simulations of the deformation behavior of bulk metallic glass composites exhibiting stress-induced martensitic transformation | |
| 16:05 – 16:20 | COFFEE BREAK | |
| | Chair: Marek Mihalkovič | |
| 16:20 – 16:45 | Julia Dshemuchadse Statistics of intermetallic compounds | |
| 16:45 – 17:05 | Pavel Kuczera Cluster-based growth algorithm for decagonal quasicrystals | |
| 17:05 – 17:25 | Radoslaw Strzalka Simple decoration model for icosahedral quasicrystals based on UAC approach | |
| 17:25 – 17:45 | Yiannis G. Aviziotis Investigating Al-CVD using DMEAA: Experiments and modeling of the kinetics and the surface roughness | |
| 17:45 – 18:05 | Davor Pavuna Can We Help Establish Complex Mettalic Systems Center in Zagreb!? | |
| 18:05 | Concluding remarks: Ana Smontara & Ronan McGrath | |
| 19:30 | C-MAC DAYS WORKSHOP DINNER | Restaurant “Klub Književnika” <i>Trg bana Josipa Jelačića, 7/I, Zagreb</i> |