

Pink Technology (PT)

PT1 (6th Aug 2009, 15:40 – 17:00, Sky2), Session Chair, Dr Jungsik Kim

Keynote speech

- Dr Alma Hodzic, Turning Polymers into Structural Materials, (A.Hodzic@sheffield.ac.uk, Aerospace and Mechanical Engineering, University of Sheffield, UK) – 30 min presentation + 10 min discussion



Dr. Alma Hodzic is a Senior Lecturer in the Department of Mechanical Engineering at the University of Sheffield. Her research includes design of better interfaces between all types of reinforcing fibres and corresponding matrices, with utilization of new research tools in nanotechnology. Dr. Hodzic manages Composite Systems Innovation Centre and she is actively involved with editorial and review panels in 15 international scientific journals. She also serves as Intreader on the panel of Australian Research Council and as External Examiner for Universities

of Ulster and Salford.

Paper presentation

1. Jang-Hui Han, Generation and Application of High Brightness Electron Beams. (UK) – 15+5 min
2. Jun-Yun Kang, Phase analysis of advanced high strength steels by electron backscatter diffraction. (France) – 15+5 min

PT2 (7th Aug 2009, 09:30 – 10:50, Sky2), Session Chair, Dr Jang-Hui Han

Paper presentation

1. Hyeok Kim, Molecular weight dependence of polymeric insulators on the leakage current in organic thin film transistors. (France) – 15+5 min
2. Jungsik Kim, Constrained sintering of SOFC electrolytes. (UK) – 15+5 min
3. Sungjune Jung, Collision of non-Newtonian impinging jets and its application for drop-on-demand inkjet printing. (UK) – 15+5 min
4. Sung Taek Oh, Introduction of Biological Fuel Cell technologies for renewable energy. (UK) – 15+5 min

PT3 (7th Aug 2009, 11:10 – 12:30, Sky2), Session Chair, Dr Sungjoo Lee

Paper presentation

1. Jinwon Seo, Technopark in the Utopian Theory's point of view. (France) – 15+5 min
2. Jiwon Yoon, Methodology for analysis of the research trend in Korea. (UK) – 15+5 min
3. Chanhooon Chung, Search for New Physics with Positrons in Space. (Germany) – 15+5 min
4. Jeong Jin Hong, Enhanced Predictive Modelling Using Multi-Block PLS. (UK) – 15+5 min

Poster Presentation (7th Aug 2009, 12:45 – 14:00)

1. Yun Ki Byeun, Synthesis of InN and InMnN nanowires by halide vapor phase epitaxy. (Germany)
2. Il Jung, High efficient donor–acceptor ruthenium complex for dye-sensitized solar cell applications. (Switzerland)
3. Doohun Kim, TiO₂ Nanotubes for Dye-Sensitized Solar Cells. (Germany)
4. Jehyun Lee, Contribution of the curved surfaces on magnetization behavior. (Austria)
5. Chul Woo Hyun, Museum of Accident, (Austria)
6. Boung Shik Yoon, Geotechnical Centrifuge Technology and Its Applications (UK)