



The best poster presentations

- **Symposium A** Chemistry and processes for oxide nanoparticles design

Seiichi Takami

A-22 "*Kinetic Study on the Hydrothermal Synthesis of Surface-Modified Cerium Oxide Nanoparticles Using a Flow-Type Reactor*"

Marit Mai

A-63 "*Microwave-assisted Synthesis of CaWO₄ Nanocrystals in Ionic Liquids*"

- **Symposium B** Chemical and electrochemical synthesis of advanced materials and nanostructures on solid surfaces: growth mechanisms, characterizations & applications (CESAM)

Keigo Ichinose

B-21 "*Epitaxial Electrodeposition of ZnO Thin Film on GaN(002) Bulk Single Crystal Substrate*"

- **Symposium C** Atomic layer deposition 2007

Ville Miikkulainen

C-12 "*Molybdenum nitride nanotubes*"

- **Symposium D** 9th International Symposium on Electrochemical/Chemical Reactivity of Metastable Materials

Przemyslaw Malinowski

D-14 "*AgF₂ as a 2D scaffold of the organic-inorganic hybrid materials with tailored magnetic properties? Probing reactivity of silver(II) fluoride towards a variety of inorganic and organic salts*"

- **Symposium E** Shape memory materials for smart systems

Silvia Ignacova

E-17 "*Transformation and twinning processes in CoNiAl alloy single crystals*"

- **Symposium F** The binary ion exchange process in materials science and chemistry: application, characterization and modelling

Md Jelas Haron

F-9 "*Sorption removal of arsenic by cerium-exchanged zeolite*"

- **Symposium G** Genetic algorithms in materials science and engineering

Jouni Tiilikainen

G-1 "*Fitting of X-ray reflectivity from periodic thin film structures: Improved convergence properties in genetic algorithm by rotation of coordinates*"

- **Symposium H** Current trends in optical X-ray metrology of advanced materials and devices II

Sylvie Lousinian

"In-situ and real-time protein adsorption study by spectroscopic ellipsometry"

- **Symposium I** New opportunities and challenges in material research using synchrotron and free electron laser sources

Monika S. Walczak

I-18 "*EXAFS investigation of the local atomic structure of di-alanine acid derivative of protoporphyrin IX*"

- **Symposium J** Microscopy and spectroscopy techniques in advanced materials characterization

Raphaël Foschia

J-4 "*New applications for interference microscopy*"

Nele Van Caenegem

J-21 "*The identification and quantification of ϵ martensite in a FeMnSiCrNi shape memory alloy by means of EBSD*"

Sharath Sriram, Madhu Bhaskaran

J-51 "*Investigation of composition irregularities and inter-diffusion in strontium-doped lead zirconate titanate thin films on gold-coated silicon substrates*"

- **Acta Materialia Gold Medal Symposium** Perspectives of nanoscience and nanotechnology

Jason Hyde

Acta-30 "*Continuous Flow Supercritical Fluid MOCVD of Cu and Ag Thin Films: Reactor Design and CFD Modelling*"