



**FACULTY OF ENGINEERING
UNIVERSITY OF KRAGUJEVAC
(FINK)**

Workshop: “Fundamentals of electrodeposition of metallic alloys: state-of-the-art at European and International levels”

Nov 3 - 7, 2015

Solaris Resort, Vrnjacka Banja, Serbia

Nov 3, 2015

Morning session

Welcome talks

Dr Jordi Sort

Dr Eva Pellicer

FINK presentation

Seniors to introduce themselves

Afternoon session

Presentations of selected PhD candidate (ESR), 15 - 20 min per person, Background (2-3 slides), PhD planning (career development document)

To divide students into 3 groups – to prepare the short presentations for their evaluation on the last day

Nov 4, 2015

Morning session

1.5 h - 2x 45 min

An overview on the basics of electrodeposition

Dr. Salvador Pané i Vidal

Institute of Robotics and Intelligent Systems (IRIS)

Swiss Federal Institute of Technology (ETH) Zurich, Switzerland

1.5 h - 2x 45 min

Fundamentals on two metals electrochemical co-deposition

Prof. Dr. Henrikas Cesiulis

Vilnius University (VU), Lithuania

Afternoon session

1.5 h - 2x 45 min

Electrodeposition of amorphous steels

Dr. Laetitia Philippe

Swiss Federal Laboratories for Materials Science and Technology (EMPA), Switzerland

(joint dinner)

Nov 5, 2015

1.5 h - 2x 45 min

How to produce both continuous and porous alloys by electrodeposition

Dr. Eva Pellicer

Gnm3 group

Physics Department

Universitat Autònoma de Barcelona, Spain

1.5 h - 2x 45 min

Nanoporous metals produced by dealloying

Prof. Dr. Paola Rizzi

Laboratorio di Metallurgia

Dipartimento di Chimica

Università di Torino

Italy

1.5 h - 2x 45 min

Case study: electrodeposition of amorphous and nanocrystalline Co-W alloys

Dr. Natalia Tintaru

Vilnius University (VU), Lithuania

Nov 6, 2015

1.5 h - 2x 45 min

Training in Metrology, Calibration and Standards - Metrology applied to thin films:

Traceability and reproducibility of magnetic measurements in thin films by high sensitivity magnetometry

Dr. Paola Tiberto

The National Institute for Metrological Research (INRIM), Torino, Italy

1.5 h - 2x 45 min

Electrodeposition from deep eutectic solvents

Dr Mihajlo Bucko

Faculty of Engineering, University of Kragujevac (FINK), Serbia

Excursion in the afternoon

Nov 7, 2015

1.5 h - 2x 45 min

Internationalization of research, bridging scientific research environment between Eastern and Western Europe

Prof. Dr. Miroslav Trajanovic

Faculty of Mechanical Engineering, University of Nis, Serbia

EURAXESS network, Researchers in Motion, pan-European initiative

Afternoon – evaluation of ESRs