



(1837-1907)

University of Miskolc

FACULTY OF MATERIALS SCIENCE AND ENGINEERING

Antal Kerpely Doctoral School of Materials Science & Technology

June, 28, 2017.

2016/17-academic year, spring semester 2nd research seminar

Programme

„Section of the foreign students”

Venue: University of Miskolc, Mihály Káldor lecture hall (Building B/1, ground floor, Room 8.)

Chairman: Dr. Pál Bárczy

SESSION: CHEMICAL METALLURGY – Leader: Dr. Tamás Kékesi

9⁰⁰-9²⁰ *Shaymaa A. Alnaiely*
Mitigation of corrosion in steel reinforced concretes (with green inhibitors)

SESSION: INTERFACIAL- and NANOTECHNOLOGY – Leader: Dr. György Kaptay

9²⁰-9⁴⁰ *Dheeraj Varanasi*
The Role of Dewetting in Soldering

9⁴⁰-10⁰⁰ *Al-Azzawi Ali Hussein Hasan*
Modification of Cast Iron Surface by Laser Melt Injection Method (LMI) with Mechanical Activated Powder

10⁰⁰-10²⁰ *Lahmaidi Hamid*
Development of salt based heat storage materials with improved heat conductivity

SESSION: PHYSICAL METALLURGY, HEAT TREATMENT– Leader: Dr. Valéria Mertinger

10²⁰-10⁴⁰ *Manoj Kumar Pal*
Investigation the microstructural materials and mechanical properties of lead-free soldering materials (SAC205&SAC405)

10⁴⁰-11⁰⁰ *Dugár Zsolt*
Alumínium és ötvözetei első és másodrendű termodinamikus átrendeződéseinek tanulmányozása DMTA berendezéssel (6)

SESSION: SPACE MATERIALS and TECHNOLOGIES– Leader: Dr. Pál Bárczy

11⁰⁰-11²⁰ *Thirupathi Kalaivanan*
Study of trivalent chromate coating over aluminum alloys

SESSION: CERAMICS AND TECHNOLOGIES – Leader: Dr. László A. Gömze

11²⁰-11⁴⁰ *Kanokon Nuilek*
Part I: Preparation of reinforcement materials

BREAK

SESSION: POLIMERSTECHNOLOGIES – Leader: Dr. Kálmán Marossy

12⁰⁰-12²⁰ *Ali Ibrahim Moslem Maeeni*
Flame retardant behaviour of plasticised PVC

12²⁰-12⁴⁰ *Patcharapon Somdee*
Polyurethane and High Thermal Conductivity Filler Composites

SESSION: CHEMICAL PROCESSES and TECHNOLOGY– Leader: Béla Dr. Viskolcz

12⁴⁰-13⁰⁰ *Rachid Hadjadj*
Systematic theoretical investigation for high energy C₂H₈O₄ molecules

13⁰⁰-13²⁰ *Wafa Cheikh*
Data house of Polyurethane a combined theoretical and experimental methods- Setup the experiment technique for polyurethane synthesis

RESEARCH SEMINAR