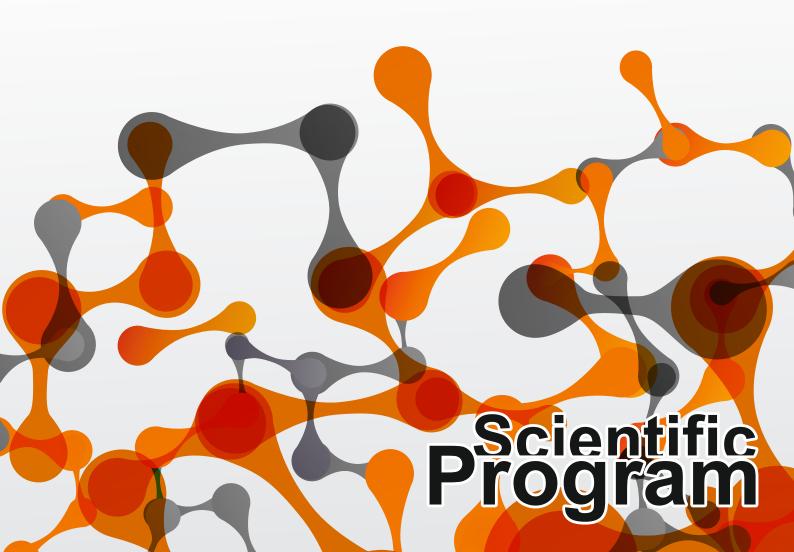


15-17 July 2015 PARIS-FRANCE











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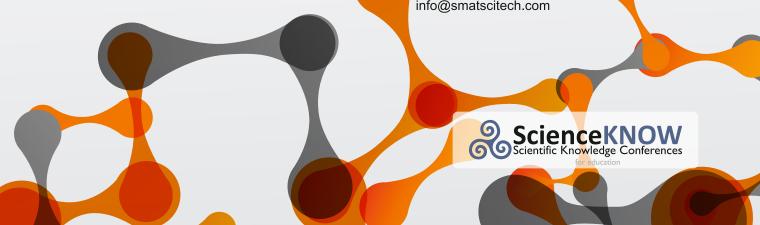
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Wednesday, 15th July 2015

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Study of friction surface Fe-Mn-C-B-Si-Ni-Cr coatings, M. Pashechko, K. Dziedzic, E. Mendyk, Lublin University of Technology, Poland

Studies on electron beam welding of Cr-Mn stainless steel, J. Dutta Majumdar, K. Pradhan, I. Manna, Indian Institute of Technology Kharagpur, India

Hydrotalcites prepared with different coprecipitant agents and a hazardous aluminium

waste. Effects on porosity, R. Galindo, I. Padilla, R. Sánchez-Hernández, A. López-Delgado, M. Yates, National Center for Metallurgical Research, CSIC, Spain





Schedule	Main room	Room 1	Room 2
12h15 – 13h30	Nanographene-based saturable absorbers for harmonic mode-locked fiber lasers, Shuo-Fu Hong, Hsin-Hui Kuo, Vi- Cheng Liao, National University of Kaohsiung, Taiwan	Reutilization incinerator fly ash using attrition scrubbing and geopolymeric technology, W.H. Lee, T.W. Cheng, L. Gautron, K. Krausova, National Taipei University of Technology, Taiwan	Application of cold spraying in development of nickel based metal matrix composites, T. Chandanayaka, F. Azarmi, A. Tangpong, North Dakota State University, USA
		their application as cadmium adsorbents, R. Sánchez-Hernández, I. Padilla, E. WinterJúnior, A.L.R. Mercé, S. López- Andrés, D.A. Fungaro, R. Galindo, A. López-Delgado, National Center for Metallurgical Research, CSIC, Spain	
13h30	LUNCH	LUNCH	LUNCH
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Friday, 17th July 2015

rnuay, i	7th July 2015		
Schedule	Main room	Room 1	Room 2
9h00	Plenary talk Low density Polylactide- Polyolefin composites generated through sold state orientation, by PhD N. Scholl, Kimberly-Clark Corporation, USA		
09h45 11h00	ORAL COMMUNICATIONS (ENGLISH) Materials in research Risk assessment of reactor containment building construction in nuclear power plant, Dae-Woong Shin, Ginam Yang, Yoonseok Shin, Kyonggi University, Republic of Korea Graphene doped CoFe2O4 nanocomposites for degrading dye in waste water, Lu Gan, Songmin Shang, Chun wah Marcus Yuen, Shou-xiang Jiang, The Hong Kong Polytechnic University, Hong Kong Comparative tribocorrosion resistance in physiological solution of untreated and modified Ti-6AI-4V alloy surface by electrodeposition of hydroxyapatite coatings into nanoporous titania layers, E. Danaila, L. Benea, University of Galati, Romania Effect of magnesium oxide on CaO based sorbent for CO2 capture, Vignesh Kumaravel, Farah Diana Birit Mohd Daud, Srimala Sreekantan, University Sains Malaysia, Malaysia Piezoelectric and ultrasonic investigation of layered ferroelectric crystals of CulnP2P6 family, V. Samulionis, J. Banys, Yu. Vysochanskii, Vilnius University, Lithuania	ORAL COMMUNICATIONS (ENGLISH) Process and Product Manufacturing Fabrication of large area acoustic metamaterials utilized by micro- structured resonators, Sung Ho Lee, Ji Hoon Lee, Jeong Hyeon Lee, Hoon Eui Jeong, Jun-Ho Choi, Moon Kyu Kwak, Kyungpook National University, South Korea Digital pen-based interaction techniques for estimating labor productivity on a construction project, Sangyong Kim, Gwang-Hee Kim, Dae-Won Kim, Hyo-Min Song, Kyonggi University, Republic of Korea Electrochemical synthesis of catalytic and protective coatings on molybdenum substrate for application in catalysis, A. Dubrovskiy, S. Kuznetsov, Kola Science Centre RAS, Russia Oxidation of double-glow plasma NiCoCrAly coating on y-TiAl based alloy, X.H. Chen, P.Z. Zhang, D.B. Wei, X.F. Wei, Nanjing University of Aeronautics and Astronautics, China Creation of the composite material Nition-I-Tantalum coating for medical application, E. Marenkova, S. Kuznetsov, Kola Science Centre RAS, Russia	ORAL COMMUNICATIONS (ENGLISH) Structure of Material Mechanical behaviour PLA/clay reinforced nanocomposite mater using FE simulations Comparison of an idealized volume against the real electr tomography volumer P. Jimbert, M. Iturrondobeitia, R. Fernandez-Martine. T. Guraya, UPV/EHU Spain Punching shear strength of reinforce concrete flat plates wi steel plate shear reinforcement, E. Jo, M. S. Kim, H. Kim, Y. H. Lee, Kyur Hee University, Korea Wettability of two-lev structured metal surfaces, Hie Chan Kang, Kunse National University, Sot Korea Numerical analysis of the composite RCC HMA pavement structures, Sepehr Ghafari, Navroc Construction Compan; Iran Strength of multi-bolts single-lap joints witt carbon-fibers and glas fibers reinforced epo: composites, R. Boukh F. Gamdani, A. Vadear Polytechnique Montree Canada
11h00-11h45	Coffee-break POSTERS SESSION	Coffee-break POSTERS SESSION	Coffee-break POSTERS SESSION
11h45 – 12h45	ORAL COMMUNICATIONS (ENGLISH) Structure of materials Altering the microstructure of pearlitic steel using pulsed electric current, B. Elliott-Bowman , A.C. Cook , P. Brown, D. Dye, R.S. Qin, Imperial College London, United Kingdom The growth of protective coating during low- and high-temperature hot dips galvanizing, D. Kopycińsky, A. Szczesny, E. Guzik, University of Science and Technology, Poland Quantum chemical studies Glycine max oil as green corrosion inhibitor for mild steel in acidic medium.	ORAL COMMUNICATIONS (ENGLISH) Materials in research Characterization and corrosion-resistance performance of hybrid Co/UHMWPE composite biocoatings, L. Benea, E. Danaila , J. Bounegru, University of Galati, Romania Influence of salt quantity on recovery yield of heterogeneous aluminum scrap, S. Capuzzi, G. Timelli, L. Capra, L. Romano, University of Padua , Italy Role of Enrichment in ZnTe Thin Films for Solar Cell Applications, Nazar Abbas Shah, COMSATS Institute of Information, Pakistan	

11h00-11h45	Coffee-break POSTERS SESSION	Coffee-break POSTERS SESSION	Coffee-break POSTERS SESSION
11h45 – 12h45	An approach model to study ultra-low resistance source/draincontacts scheme for III-V MMOS, A. Mohammed, D. Nagy, M. A. Elmessary, K. Kalna, Swansea University, United Kingdom Electroless copper deposition using environmentally-friendly natural polyols as Cu(II) ligands, E. Norkus, J. Jačiauskienė, K. Prušinskas, I. Stalnionienė, L. Tamašuskaitė Tamašūnaitė, Dordi Yezdi, Aniruddha Joi, Center for Physical Sciences and Technology, Lithuania	Structural properties of substituted gallium ferrites, Daniela Maria Neacsa, Gisèle Gruener, Emmanuel Veron, Jean-Claude Soret, University François Rabelais, France	
13h00	LUNCH	LUNCH	LUNCH
15h-18h		TOURISTIC VISIT	



11h45 – 12h45	Preparation and characterization of Nickel Oxy-hydroxide electrodes to urea alkaline electrolyzers for the Hydrogen production, Paulo Duarte, Luiz Rodrigues, Paulo Brito, Polytechnic Institute of Portalegre, Portugal	Investigation of the influence of polyvinyl alcohol and its derivative polyvinyl butyral on the electrophysical properties of compacted protonated potassium, E. Orozaliev,S. Shevtsov, Yuri Gagarin State Technical University of Saratov, Russia	
13h00-15h00		CLOSING COCKTAIL	

