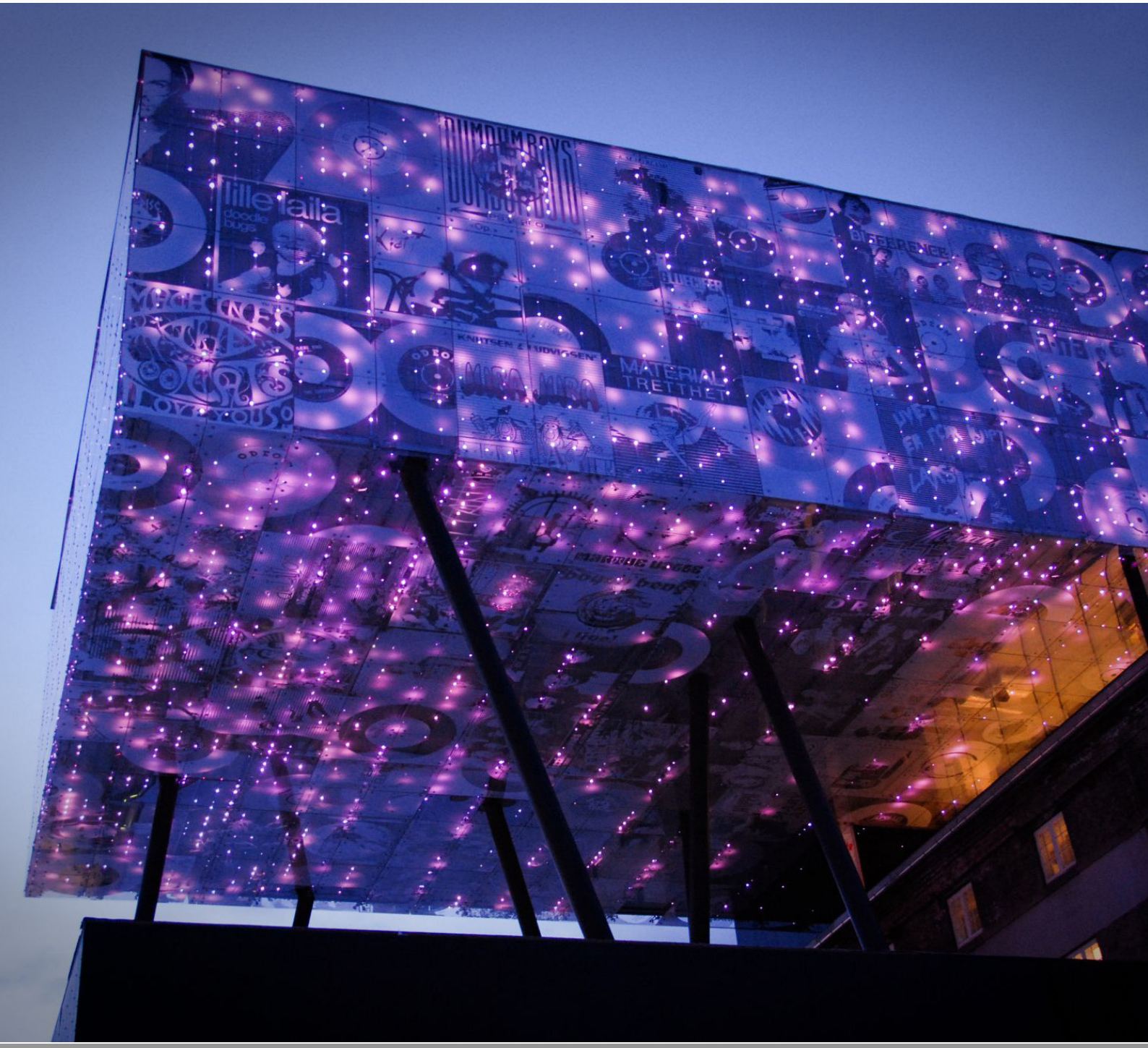
World Congress on

MATERIALS SCIENCE & ENGINEERING



August 23-25, 2018
Amsterdam, Netherlands

EuroSciCon

Agenda Day 1: August 23, 2018

Hall Name **Meeting Place 1**

08:00-09:00 **Registrations**

09:00-09:30 **Opening Ceremony**

Keynote Session

09:30-10:10 **Title: Analysis of LENR and recommendations for cold fusion energy using the BSM-SG atomic models**
Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA

10:10-10:50 **Title: Basic properties of myosin head power and recovery strokes as revealed by experiments using the gas environmental chamber**
Haruo Sugi, Teikyo University, Japan

Group Photo:10:50-11:00

Coffee Break: 11:00-11:20 @ Pre Function Area

11:20-12:00 **Title: New carbon based material obtained by γ quanta irradiation with threshold energy of 10MeV of pure gaseous He, under high pressure, in CuBe2 apparatus, physical properties and aspects of new nanotechnology**
Roland Wisniewski, Warsaw University of Technology, Poland

Sessions

Nanostructured materials | Nanostructured Materials | Materials Chemistry | Carbon Materials In Energy | Materials Physics | Emerging Technologies In Material Science | Aerospace materials | Polymer Energy Materials

Session Chair: Roland Wisniewski, Warsaw University of Technology, Poland

Session Co-Chair: Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA

12:00-12:20 **Title: Electronic materials research for energy and power applications**
Tsvetanka S Zheleva, US Army Research Lab, USA

12:20-12:40 **Title: Proposed link between the periodic table and the standard model**
John O Roberts, Freelance and former Open University Tutor, UK

12:40-13:00 **Title: Material science fractal nature analysis and energy engineering frontiers**
Vojislav V Mitic, University of Nis, Serbia

Lunch Break: 13:00-14:00 @ The Gallery

Special Session: 14:00-15:00

14:00-15:00 **Title: Failure by cracking**
John Campbell, University of Birmingham, UK

15:00-15:20 **Title: Effect of Ni to Cu ratio on formation of oxide scale at high temperature**
Shrikant Jadhav, Bharat Forge Ltd –KCTI, India

15:20-15:40 **Title: Study on reduction process of metal oxide under microwave irradiation**
Satoshi Fujii, National Institute of Technology/Tokyo Institute of Technology, Japan

15:40-16:00 **Title: Super-Resolution optical microscopy for structure analysis of polymer materials**
Hiroyuki Aoki, J-PARC Center, Japan

Coffee Break: 16:00-16:20 @ Pre Function Area

16:20-16:40 **Title: Microstructural behaviour of Ti6Al4V during room temperature deformation**
Gajanan Kulkarni, Kalyani Centre for Technology and Innovation Bharat Forge Ltd, India

16:40-17:00	**Title: Synthesis and characterization of nanocrystalline CoFeMnNiAl high-entropy alloy** **M Yazdan Mehr,** Delft University of Technology, Netherlands
17:00-17:20	**Title: Improvement in wear resistance of AISI H13 steel by Pack-Boronizing method** **Niketan Manthani,** Kalyani Centre for Technology and Innovation Bharat Forge Ltd, India
17:20-17:30	**Discussion Time**
17:30-17:45	**Chairman's Summing Up**

Panel Discussion

Agenda Day 2: August 24, 2018

Hall Name **Meeting Place 1**

Keynote Session

09:30-10:10	**Title: Enamel coating for steel rebar in concrete: Corrosion barrier and bond enhancer** **Genda Chen,** Missouri University of Science and Technology, USA
10:10-10:50	**Title: Nanostructured composite coating orientants in tribo-engineering** **V A Levchenko,** Lomonosov Moscow State University, Russia
11:10-11:50	**Title: Monomers, biopolymers and biomaterials from renew** **Aman Ullah,** University of Alberta, Canada

Coffee Break: 10:50-11:10 @ Pre Function Area

Material Science and Engineering | Advanced Engineering Materials | Nanostructured Materials | Composite Materials | Carbon Materials In Energy | Materials Physics

Session Chair: Genda Chen, Missouri University of Science and Technology, USA

Session Co-Chair: V A Levchenko, Lomonosov Moscow State University, Russia

11:50-12:10	**Title: Functional materials: Development of nanostructured ceramic-metal xylan of a coating with the operated wetting** **V A Levchenko,** Lomonosov Moscow State University, Russia
12:10:12:30	**Title: Specific features of electrons in nanostructured materials according to twin physics** **Anna C M Backerra,** Independent Physicist, Netherlands
12:30-12:50	**Title: The effect of Mo addition on structure and glass forming ability of Ni-Zr alloys** **Zean Tian,** Hunan University, China
12:50-13:10	**Title: The effect of silver nanoparticles on the antioxidant capacity and total soluble protein pattern in tomato seedlings under in vitro culture** **Roya Razavizadeh,** Payame Noor University, Iran

Lunch Break: 13:10-14:10@ The Gallery

14:10-14:30	**Title: Methylene blue sorption on CS/nano-γ alumina as a novel and environmentally friendly adsorbent** **Abbas Teimouri,** Payame Noor University, Iran
14:30-14:50	**Title: Deformation Behaviour of Functionally Graded Shape Memory Alloys** **Bashir S. Shariat,** The University of Western Australia, Australia

Poster Presentations 14:30-16:00 @ Pre Function Area

Poster Judge 1: Genda Chen, Missouri University of Science and Technology, USA

Poster Judge 2: V A Levchenko, Lomonosov Moscow State University, Russia

MC-01	**Title: Fractal nature materials analysis within the new and alternative energy sources** **Vojislav V Mitic,** University of Nis, Serbia

MC-02	**Title: Degradation mechanisms of Bisphenol A Polycarbonate (BPA-PC) in led-based products** **M Yazdan Mehr,** Delft University of Technology, The Netherlands
MC-03	**Title: Self-Centering capacity of superelastic shape memory alloy fibers in mortar** **Eunsoo Choi,** Hongik University, Korea
MC-04	**Title: Preparation of 3D graphene with microwave-hydrothernal assistance for ultrahigh performance of capacitive deionization** **Shou-Heng Liu,** National Cheng Kung University, Taiwan
MC-05	**Title: Effect of Ga concentration on electrical properties of InP quantum dot laser diode structures** **M S Al-Ghamdi,** King Abdulaziz University, Saudi Arabia
MC-06	**Title: Synthesis of barium aluminogermanate by citrate method** **Jesús Roberto Rodríguez Sanchez,** Facultad de Ciencias Quimicas UAdeC, México
MC-07	**Title: Piezo-Triboelectric hybrid nanogenerator for raindrop energy harvesting** **Atissun Kittilaksanon,** The Petroleum and Petrochemical College, Chulalongkorn University, Thailand
MC-08	**Title: Synthesis and characterization of solids with strong acidic and basic properties, applied as catalysts in the synthesis of ionones** **Gonzalez Jimenez Rodrigo Rodolfo,** Benemérita Universidad Autónoma De Puebla (BUAP), Mexico
MC-09	**Title: Synthesis and characterization of carboxymethyl cellulose from waste nata de coco** **Lalita Narkyos,** The Petroleum and Petrochemical College, Chulalongkorn University, Thailand
MC-10	**Title: Improving molecular weight of natural oil-plasticized PLA by chain extender** **Supanut Kitphaitun,** The Petroleum and Petrochemical College, Chulalongkorn University, Thailand
MC-11	**Title: Study on manufacture of nanofibers using biodegradable polyester materials** **Hee Dong Lee,** Korea Institute of Industrial Technology (KITECH), Korea
MC-12	**Title: Fabrication and characterization of rhodamine dye based colorimetric textile sensor for acidic gas detection** **Young Ki Park,** Korea Institute of Industrial Technology (KITECH), Korea
MC-13	**Title: Fabrication and characterization of dimethine dye based colorimetric textile sensor for alkaline gas detection** **Jee Young Lim,** Korea Institute of Industrial Technology (KITECH), Korea
MC-14	**Title: Measurement of dyeing behavior using PVDF's real-time dyeing behaviour monitoring system** **Seok Il Hong,** Korea Institute of Industrial Technology (KITECH), Korea
MC-15	**Title: Used of automated software tool for analysing and estimating optimal parameters of jet engine parts production** **Sandra Puchlerska,** AGH University of Science and Technology, Poland

Coffee Break: 16:00-16:20 @ Pre Function Area

16:20-16:40	**Question Time & Best YRF/Poster Felicitation** **Networking Session and Chairman's Summing Up**

Agenda Day 3: August 25, 2018

Networking and Lunch 13:00-14:00 @ The Gallery

Mark your calender

World Congress on Materials Science & Engineering

June 04-06, 2019
Paris, France

Email: materialscongress@eursciconevent.com

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