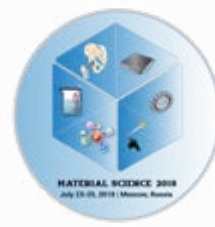


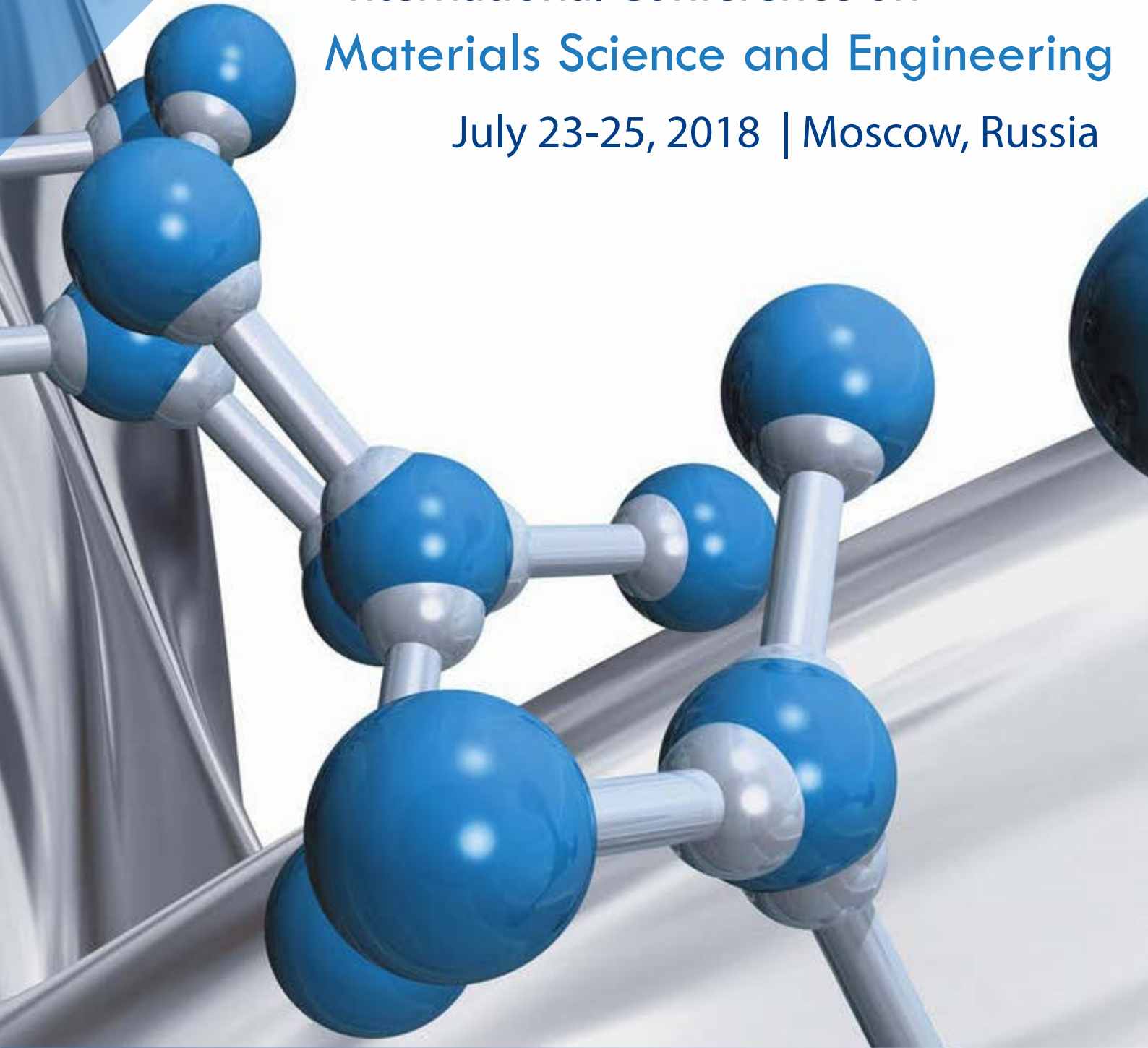
Tentative
Agenda



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Director FIBRE
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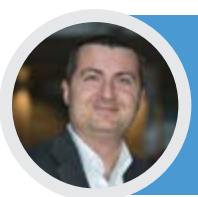
Qi Zhang
PSenior Lecturer
Cranfield University
UK

Keynote Speakers



Title: Zirconia/Alumina Ceramics with Cellular Structure for Biomedical Applications
Sergei Kulkov, Head of Laboratory of Physics of Nanostructured Ceramic Materials, Tomsk State University, Russia

Title: A Novel Aqueous Process to Produce Functional Textile from Cellulose Fibers
Theo van de Ven, Director of FIBRE McGill University, Canada



Title: Presentation on: Non-destructive High-Resolution 3D Imaging for Nanoelectronics
Ennio Capria, Deputy Head of ESRF, France

Title: Revolutionary Thin Protective and Functional Nanostructured Coatings
Vaino Sammelselg, Professor, University of Tartu, Estonia



Title: Binary Blended Small-Molecule Cathode Buffer Layer Materials for Highly Efficient Organic Photovoltaic Cells
Chuanlang Zhan, Professor, Chinese Academy of Sciences, China.

Title: Integration of Optical Metamaterials and Semiconductors for Enhanced Optical Sensing

Zhang Dao Hua, Professor, Nanyang Technological University, Singapore



Title: Band Structures and Optical Properties of Cubic CsSnBr₃ Perovskite Nanoplatelets
Fan Weijun, Associate Professor, Nanyang Technological University, Singapore

Title: Metal-graphene Hybrid Materials as Heterogeneous Catalyst for Carbon-Carbon and Carbon-Heteroatom

Minoo Dabiri, Professor, Shahid Beheshti University, Iran



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Day 1 July 23 2018 ⁸
Registrations
Opening Ceremony
Inaugural Address
Keynote Session
Title: A novel aqueous process for the production of functional textile from cellulose fibers
Theo van de Ven McGill University Canada
Title: Presentation on: Non-destructive high-resolution 3D imaging for nanoelectronics
Ennio Capria ESRF France
Title: Zirconia/Alumina Ceramics with Cellular Structure for Biomedical Applications
Sergei Kulkov Tomsk State University Russia
Panel Discussion
Title: Tiles roof support focus study: Bituminous plywood
Ouro- Djobo Samah Expert Agréé près les Tribunaux et Cours Togo
Title Numeral Analysis of the Dynamic Behavior of Crosslinked Structures in Anisotropic Composite Materials
Olivier Passoli Conseiller Technique du Ministre des Infrastructures et des Transports Togo
Title: Thermomechanical surface treatment of metallic materials
Patiphan Juijerm Kasetsart University Bangkok Thailand
Title: Perovskites photophysics: half-organic half-inorganic and a quarter of magic
Michele Saba Università di Cagliari Italy
Title: Designing polymeric membranes for biomedical applications
Lais Pellizzer Gabriel University of Campinas Brazil
Title: Evolution of soil stabilization using nanomaterials
Ali Firoozi Universiti Kebangsaan Malaysia Malasiya
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Day 2 | July 24 | 2018

Keynote Session

Title: Integration of optical metamaterials and semiconductors for enhanced optical sensing

Dao Hua Zhang | Nanyang Technological University | Singapore

Title: Revolutionary thin protective and functional nanostructured coatings

Vaino Sammelselg | University of Tartu | Estonia

Title: Band Structures and Optical Properties of Cubic CsSnBr₃ Perovskite Nanoplatelets

Weijun Fan | Nanyang Technological University | Singapore

Panel Discussion

Title: High-Performance Anode Materials for Next Generation Na-Ion Batteries

EunAe Cho | KAIST | South Korea

Title: Novel Conductive Adhesive Films Materials for Electronics Packaging Applications

Kyung W Paik | KAIST | South Korea

Title: Molecular Dynamics Studies of Temperature and Grain Size Effects on Mechanical Properties of Nanocrystalline Tungsten

Abdellah Tahiri | Univrsity Hassan | Morocco

Title: Two-dimensional lattice thermal transport in graphene using phonon scattering mechanism: Application as heat management material

Kamal Kumar Choudahry | Indian Military Academy | Dehradun | India

Title : Nanoscale Assembly & Chemically Modification of Graphene Based Materials

Sang Ouk Kim | KAIST | South Korea

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Day 3 July 25 | 2018

Keynote Session

Title: Binary blended small-molecule cathode buffer layer materials for highly efficient organic photovoltaic cells

Chuanlang Zhan | Chinese Academy of Sciences | China

Title: Metal-graphene hybrid materials as heterogeneous catalyst for carbon-carbon and carbon-heteroatom cross coupling reactions

Minoo Dabiri | Shahid Beheshti University | Iran

Title: Free-standing nanostructures at atomic scale: from growth mechanisms to local properties

Jordi Arbiol | ICN2 | Spain

Title: The new generation of materials for off-Earth Mining

Panel Discussion

Tapia Cortez | C.A. UNSW Sydney | Australia

Title: From Porous to Dense Nanostructured β -Ti alloys through High-Pressure Torsion

Afonso C.R.M. DEMa/UFSCar | Brazil

Title: Quantifying Plasmonic Effects in Plasmon-mediated Catalysis

Dong Ha Kim | KAIST | SouthKorea

Title: Microstructure and mechanical behavior of Zr–Mo biomedical alloys

Eder Socrates | University of Campinas | Brazil

Title: NO_x Reduction via Selective Catalytic Reduction with NH₃ over Cu-ZnO Loaded onto Core-Shell Al-MCM-41: The Effect of Metal Loading

Paisan Kongkachuichay | Kasetsart University | Bangkok | Thailand

***** SPEAKER SLOTS AVAILABLE *****

Poster Session

Title: The effect of annealing temperature on structural and optical properties of ZnGa₂O₄: Cr³⁺ synthesized by citrate sol-gel method.

Megersa Hussen

Title: Designing polymeric membranes for biomedical applications

Lais Pellizer Gabriel | University of Campinas | Brazil

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