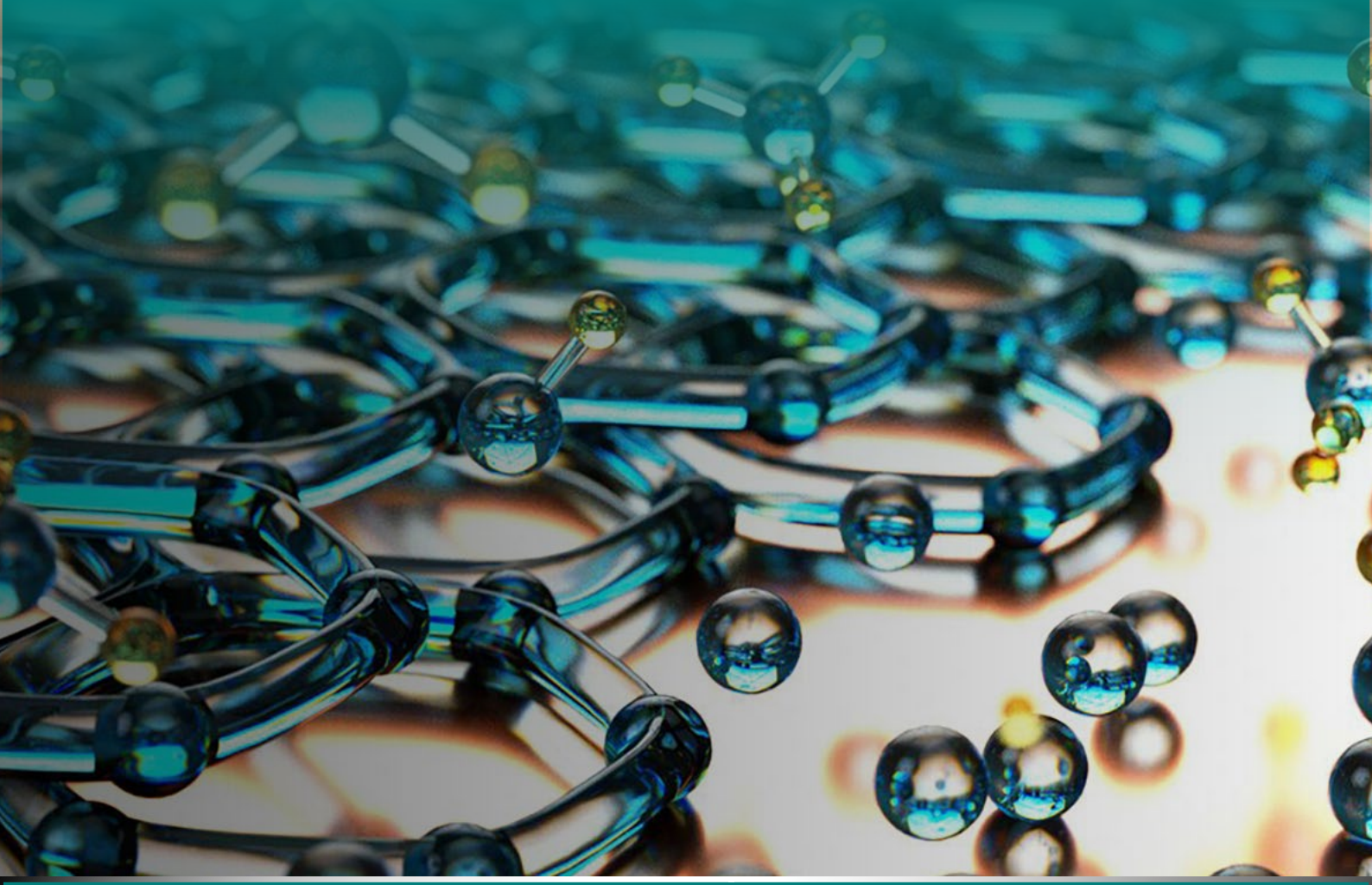
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Tentative Program

7th International Conference on

Advanced Materials and Materials Science

August 17 - 19, 2023 | Bangkok, Thailand



Materials 2023

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Scientific Program

Materials 2023

Thursday | August 17, 2023 | Day 1

Opening Ceremony 09:00-09:15

Keynote Forum

09:15-10:00	**Title: High-performance, heteroepitaxial, nanolaminate device layers on single-crystal-like, artificial substrates and controlled self-assembly of nanostructures within device layers for wideranging electrical and electronic applications** **Amit Goyal | Oak Ridge National Laboratory | USA**
10:00-10:45	**Title: Green synthesis of mesoporous carbons from tannins** **Vanessa Fierro | Institut Jean Lamour | France**
10:45-11:30	**Title: Intentionally made amorphous substance to quantify unintentionally produced amorphous materials: Decades of hands-on experience** **Mridul Majumder | M2M Pharmaceuticals Ltd | UK**

Group Photo

Networking & Refreshment Break 11:30-11:50

Panel Discussion

Sessions on: Advanced Material \| Biomaterials And Medical Devices \| Ceramic Science And Engineering

Session Chair: Alain L Fymat \| International Institute of Medicine & Science \| USA

11:50-12:20	**Title: Education and their relationship to contemporary trends in the field of international recruiting** **Albu Adina Victoria | University of Oradea | Romania**
12:20-12:50	**SLOTS ARE AVAILABLE!!!**
12:50-13:20	**Title: Synthesis of plated-like $Bi_4Ti_3O_{12}$ templates using TiO_2 nanostructures** **Le Dai Vuong | National Cheng Kung University | Taiwan**
13:20-13:50	**Title: Thermal Spray research developments and possibilities offered at CPT** **Sergi Dosta | Thermal Spray Centre-CPT | Spain**

Lunch Break 13:50-14:50

Panel Discussion

Sessions on: Advanced Materials And Smart Materials \| Energy And Composite Materials \| Ceramic And Glass Science Engineering

Session Chair: Andrei Stepanov \| Soviet Ministry of Foreign Affairs \| Russia

14:50-15:20	**Title: Mechanisms of metastable phase transformations in Al-Cu alloys with additions of Si, Ti and B** **Alexander Katsman | Technion – Israel Institute of Technology | Israel**
15:20-15:50	**SLOTS ARE AVAILABLE!!!**

Networking & Refreshment Break 15:50-16:10

16:10-16:40	**Title: The texture of zinc after direct extrusion** **Jaroslav Capek | University of Chemistry and Technology | Czech Republic**
16:40-17:10	**Title: Preparation of SnO_2/ ZnO composite thin films: Structural and optical characterizations and comparison with Brugmann model** **Mohamed Bensaidi | Djillali Liabes University | Algeria**

Poster Forum (17:10-18:10)	
PP01	**Title: Chemical bath deposition of bivo4 thin films on fluorine doped tin oxide substrate for efficient solar water splitting** **Adil Akhtar |University of Peshawar | Peshawar**
PP02	**Title: In vitro evaluation of cytotoxicity and surface properties of Ti-6Al-4V alloy implants** **Kerim Emre Oksuz | Sivas Cumhuriyet University |Turkey**
PP03	**Title: Study on the crystallization of A356 alloy containing nanoparticles** **Pavel Kuzmanov | Institute of Metal Science | Bulgaria**
PP04	**SLOTS ARE AVAILABLE!!!**
Thanks Giving and Closing Cermony	
Friday | August 18, 2023 | Day 2	
Opening Ceremony 09:00-09:15	
Keynote Forum	
09:15-10:00	**Title: 2D Flatlands Synthesis, Characterization and Applications** **Eui-Hyeok Yang | Stevens Institute of Technology | USA**
10:00-10:45	**Title: Materials for advanced ultra-supercritical power plants** **Augusto Di Gianfrancesco | European Creep Collaborative Committee | Italy**
10:45-11:30	**SLOTS ARE AVAILABLE!!!**
Group Photo	
Networking & Refreshment Break 11:30-11:50	
Panel Discussion	
Sessions on: on: Polymer And Surface Science Technology |Computational Materials |Crystallography	
Session Chair: Walid Tawfik | Cairo University | Egypt	
11:50-12:20	**Title: Properties of torsion rod in "SULZER" projectile Loom** **Dmitry Pirogov | Ivanovo State Polytechnic University | Russia**
12:20-12:50	**Title: The effect of the growth condition on the structure and the physical properties of Gddoped Ti Co ferrite thin films via Pulsed Laser Deposition (PLD)** **Mohamed A Hafez | Cairo University | Egypt**
12:50-13:20	**SLOTS ARE AVAILABLE!!!**
13:20-13:50	**Title: Controlled adsorption and release onto/from calcium phosphate materials for medical applications: The example of a bisphosphonate** **Allal Barroug, Errassifi F | University Mohammed VI Polytechnic | Morocco**
Lunch Break 13:50-14:50	
Panel Discussion	
Sessions on: Electronic, Photonic, And Magnetic Materials | Green Technologies | Corrosion	
Session Chair: Omar Cherkaoui | Higher School of Textile and Clothing Industries | Morocco	
14:50-15:20	**Title: Sustainable textiles industries in brand technology between technologies of brands** **Elsayed A Elnashar | Kafrelsheikh University | Egypt**
15:20-15:50	**Title: Development of a new air filtering to save energy in HVAC systems from Hospitals and Commercial Buildings** **Francisco de Paula Pinheiro | Brazil**

Networking & Refreshment Break 15:50-16:10

16:10-16:40	Title: Femtosecond laser irradiation for hot spots mapping on the surface of plasmonic nanostructures **Nadia A Abdulrahman | University of Baghdad | Iraq**
16:40-17:10	Title: Improving electrochemical performance of Si-based electrode via gradient Si concentration **Zhenbin Guo | The Hong Kong Polytechnic University Shenzhen Research Institute | China**

Poster Forum (17:10-18:10)

PP01	Title: Polymeric nanoparticles for controlled release of synergic system posaconazole/ temozolomide **Anderson de Jesus Gomes | University of Brasilia | Brazil**
PP02	SLOTS ARE AVAILABLE!!!
PP03	Title: Solventless synthesis of antimony sulfide, bismuth sulfide, and antimony-bismuth sulfide solid solutions using novel single source route **Tahani Alqahtan | The University of Manchester | UK**
PP04	SLOTS ARE AVAILABLE!!!

Thanks Giving and Closing Cermony

Saturday | August 19, 2023 | Day 3

Opening Ceremony 09:00-09:15

Keynote Forum

09:15-10:00	Title: Multiphysics sintering modeling, a necessary tool for advanced sintering processes and material properties optimization **Charles Maniere | Normandie University | France**
10:00-10:45	Title: Quantitative analysis of phosphorus in phosphogypsum-waste using CF-LIBS **Walid Tawfik | Cairo University | Egypt**
10:45-11:30	SLOTS ARE AVAILABLE!!!

Group Photo

Networking & Refreshment Break 11:30-11:50

Panel Discussion

Sessions on: Fossil & Nuclear Energy | Radiotherapy | Bioinspired materials

Session Chair: Ajay Kumar Mishra | University of South Africa | South Africa

11:50-12:20	Title: Quantum alphabet of matter language **Eugene Machusky | National Technical University of Ukraine | Ukraine**
12:20-12:50	Title: Hydrolysable tannins a new raw material for carbon materials synthesis **Vanessa Fierro | Universite de Lorraine | France**
12:50-13:20	Title: Atomic scale characterization and dynamics of two dimensional In Se materials **Zhongchang Wang | International Iberian Nanotechnology Laboratory | Portugal**
13:20-13:50	SLOTS ARE AVAILABLE!!!

Video Presentation Slots are Available

Timings in this program may subject to change

B2B Meeting, Certificate Distribution & Closing Ceremony

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