Scientific Program

19th International conference on

Materials Research & Technology



May 21-22; 2021
Osaka, Japan

https://www.meetingsint.com/conferences/materialsresearch

Dear Colleagues,

Meetings International extends its welcome to "**19th International conference on Materials Research & Technology**" scheduled on May 21 - 22, 2021 in Osaka, Japan with the theme "*Innovative Approach and Recent Developments in Materials Research & Technology*".

Materials Research 2021 will serve an excellent experience and opportunities to enhance one's career. Join us in Osaka, Japan. The purpose of Materials Research 2021 is to provide an international technical forum to showcase recent advances in Materials research, Nanotechnology, and piezoelectric Materials and 3-D Printing**.** Materials Research 2021 brings together top researchers and emerging research leaders to spark scientific exchange and create community.

Sessions:

- Sustainable Energy and Development
- Materials & Mechanism of material
- Engineering Materials & Composite Materials
- Advanced Bio-Materials & Bio-Devices
- Nano Technology
- Analytical Techniques and Instrumentation
- Piezoelectric Materials and 3-D Printing
- Ceramics & Composite material



Keynote session	
09:00-09:15	Registration
09:15-09:30	Opening Ceremony
09:30-10:00	**Title: Biomimetic structures and materials for energy absorption** **Ngoc San Ha**, School of Engineering, Swinburne University of Technology, Australia
10:00-10:30	**Title: Proposition of new cold fusion reactor based on the mechanism with the flat wafer with nano structure and with the electrode to control the surface potential of metals** **Noriyuki Kodama,** Tokyo Japan Independent researcher
10:30-11:00	**Title: Title: Effect of calcination temperature on the physical properties of Zn0.5Co0.5PrxFe2-x¬O4 nanoparticles synthesized by co-precipitation method** **Zouheir Bitar,**Department of physics, faculty of science, Beirut Arab University, Beirut, Lebanon
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Networking and Refreshment Break(11:00-11:30)	
Oral session	
Materials Research & Technology	
11:30-11:50	**Title: RGO-CoFe2O4 heterostructure Nano composites** **Srinivas Mallapur,** Engineering Materials & Composite Materials,India
11:50-12:10	**Title: First principles modeling of three-phase interface system of ZrB2-ZrC-ZrSi2** **Serzat Safaltin,** Department of Metallurgical and Materials Engineering, Istanbul Technical University, Istanbul, Turkey.G
12:10-12:30	**Title: Diffusion-dominated pinch-off of ultralow surface tension fluids** **Lei Xu,** The Chinese University of Hong Kong, Hong Kong
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Lunch Break (12:30-13:30)	
Young Researcher Session	
13:30-13:50	**Title: Active role of C_3N_4, and CQD for photocatalytic water purification, an overview** **Wilfried Wunderlicha,** Department of Material Science, Faculty of Engineering, Tokai University, Japan
13:50-14:10	**Title: High hydrogen adsorption by a metal-graphene-micro porous carbon nano-network** **Arghya Narayan Banerjee*, Sang Woo Joo,** School of Mechanical and IT Engineering, College of Mechanical Engineering, Yeungnam University, Gyeongsan-Si, 712-749, Republic of Korea
14:10-14:30	**Title: Overall Review On Proniosomes** **Nidha Begum and A. Krishna Shailaja**, RBVRR Women's College of Pharmacy, Barkatpura, Hyderabad
14:30-14:50	**Title: Schematic idea with Sustainable Energy** **Tomoya Ito,** Self-Employment Firm (SofTech)
	Title: Biomimetic structures and materials for energy absorption

14: 50-15:20	**Title:Mesoporous Metal Sulfide And Metal Selenide Thin Films**
	Yurdanur Turker, Sabanci University Nanotechnology Research and Application Center,Turkey
15:20-15-50	**Title: Nanotechnology And Cannabis**
	Dr. Leon albarran mena,
Keynote Session	
Materials Research & Technology	
15:50-16:20	**Title : Composite 3D Printing**
	Yoichiro Koga, 3D Printing Corporation As CTO, Japan
16:20-17:50	**Title: Piezoelectric Materials**
	Ivoyl Koutsaroff, Executive Director Formerly At Qualcomm Technologies Inc. Japan
17:50-18:20	**Title: Lignocellulose Application As Sustainable High-Value Materials**
	Mr.Paul Oconnor, The Randstad, Netherlands
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09:00-09:15	Registration
09:15-9:30	Opening Ceremony
9:30-10:00	**Title: Driving Molecular Transport Across Biological Membranes From Magnetic Nanoparticle/Pulsed Magnetic Field**
	Assoc prof dr. Viktor chikan, Kansas State University,USA
10:00-10.30	**Title: Responsive Hybrid Inorganic-Organic Polymer Capsules & Structural Assembly**
	Dr. Rachel harbron, Imperial College London,London
Keynote Session	
10.30-11.00	**Title: Potential Of Production Of Carbon Nanotubes From Olive Oil In Middle East And Gulf Region**
	Dr. Fatma mouez, Central Metallurgical Research & Development Institute (CMRDI), Egypt
11.00-11.30	**Title: Potential Of Production Of Carbon Nanotubes From Olive Oil In Middle East And Gulf Region**
	Dr. Mgh zaidi, G.B.Pant University of Agriculture & Technology,India
11.30-12.00	**Title: Design, Synthesis, And Characterization Of Carbon-Based Nanocomposites With Conducting Polymers /Metal Oxides And Their Application**
	Assist prof dr. Amjad mumtaz khan
****Slots Left**** **Lunch Break (12.00-1.00)**	

Young Researcher Session	
1.00-1.30	**Title: Tissue Engineering And Three-Dimensional Printing In Periodontal Regeneration: A Literature Review**
	Dr. Simon raveau, University Health Centre,France
1.30-2.00	**Title: Modified Activation Process For Supercapacitor Electrode Materials From African Maize Cob**
	Dr. Moses kigozi, Makerere university,Uganda
2.00-2.30	**Title: In Vitro Micro-Physiological Models For Pharmacokinetics And Disease Modelling**
	Prof. Qasem Ramadan
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About Osaka:

Osaka is a large port city and commercial center on the Japanese island of Honshu. It's known for its modern architecture, nightlife and hearty street food. The 16th-century shogun ate Osaka Castle, which has undergone several restorations, is its main historical landmark. It's surrounded by a moat and park with plum, peach and cherry-blossom trees.







Mail us for more!!

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