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.
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 (!2:30-13:30)	
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)
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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.







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