
Paris, France
2019
4th International Conference on Materials Science & Engineering
June 26-27, 2019
materialresearch@insightsummits.com

Day 1 :June 26, 2019	
9:00-9:30	Registrations
9:30-9:45	Opening Ceremony
9:45-10:00	Introduction by Moderator
Keynote Forum	
10:00-10:30	Title: Experimental Studies in Abrasive Waterjet Cutting of Materials **Chithirai Pon Selvan, Curtin University, Dubai** He has published 100+ research articles in international journals and conferences. He is in the editorial board of more than 50 international journals. His research interests are in the areas of machine design, optimization techniques and manufacturing practices, particularly non-traditional manufacturing methods
Networking and Refreshment (10:30-10.50)	
10:50-11:20	Title: Multiphysics sintering modeling, a necessary tool for advanced sintering processes and material properties optimization **Charles Jean Francois Maniere, Normandie University, France** He has completed his PhD at the age of 28 years from the Univerty of Toulouse on the modeling of Spark Plasma Sintering; from 2016 to 2018 he has completed a 2 years PostDoc at the San Diego State University with Prof Eugene Olevsky who is the co-founder of the "continuum theory of sintering" Charles's used during his PhD. During this PostDoc, Charles develops advanced multiphysics models for microwaves sintering and flash sintering, and additive manufacturing.
11:20-11:50	Title: SEM imaging of biofilms supported on natural zeolite **Gorodylova Nataliia, Francois Rabelais University, France** She is a postdoctoral researcher working on joint BRGM and GREMAN project in France focused on biofilm growth on inorganic materials and its potential utilization for bioremediation of the pesticide-polluted soil. She has published more than 30 papers in reputed journals in the field.
11:50-12.20	Title: Helium Ion Microscopy for Carbon Nanotubes Characterization **Falah Hasan Hussein Al-Khafaji, University of Babylon, Iraq** Member of Organizing Committee at International Summit on Research Systems of Chemistry. He is also Managing Editor of "Karbala International Journal of Modern Science". In 2003 he was Dean of College of Science
Oral Session I	
12.20-12.45	Title: Corrosion protection and flammability characteristics of aerospace grade magnesium elektronTM 43 for use in aircraft cabin interiors **Sarah S. Baillio, University of North Texas, USA** She has completed graduate studies at the University of North Texas from the Department of Materials Science and Engineering. Sarah Baillio has worked for Boeing, Embraer, and Zodiac Aerospace and has been privileged to participate in the International Materials Fire Test Working Group meetings sponsored by international aviation authority organizations.
Lunch Break 12.45-13.30	
13:30-13:55	Title: Improving electrochemical performance of Si-based electrode via gradient Si concentration **Zhenbin Guo, The Hong Kong Polytechnic University, China** He is focused on the studies on bioinspired mechanics and materials and has published 7 papers in this field during his Ph.D. study. Recently, his research interest has been extended to the mechanical behavior of anode materials for LIBs. The idea of using gradient strategies to improve the performance of LIBs is inspired by previous studies in both areas.
13:55-14:20	Title: Heterogeneous catalytic reduction of anthropogenic pollutant, 4-nitrophenol by Au/AC nanocatalysts **Venkataraman Vishwanathan, Botho University, Botswana** He is Professor at Botho University. He has more than 10 years' experience in teaching. He has 1,091 Citations and he has completed 43 Research items.
14.20-14.45	Title: Femtosecond Laser Irradiation for Hot Spots Mapping on the Surface of Plasmonic Nanostructures **Nadia Abdulkarim Abdulrahman, University of Baghdad, Iraq** She had learned: how to design and fabricate 2D chiral and achiral plasmonic nanostructures (metamaterials) via nanofabrication technology, how to use SEM and AFM microscopy for metamaterials and biological molecules imaging, running UV and CD spectroscopy for metamaterials and biological molecules characterization, running

	SHG spectroscopy to characterize non-linear optical activity of 2D chiral plasmonic metamaterials, using femtosecond.
14:45-15:10	Title: Gamma radiation resistant behaviour of polysulfone-nanodiamond mixed matrix membrane: The effect of nanoparticle size and loading
	Amita Bedar, Bhabha Atomic Research Centre, India
	She is pursuing her PhD from Homi Bhabha National Institute, Bhabha Atomic Reseach Centre, Mumbai (India). She is working on the development of radiation resistant polymeric nanocomposite membrane for the radioactive effluent treatment. She has completed her M. tech. in 2014 from Indian Institute of Technology Gandhinagar, India. During M. Tech., she worked on the synthesis of boron based 2-D nanosheet and publish her work in Nature Scientific Reports.
Video Presentation	
16:45-17:05	Title: Study on the crystallization of A356 alloy containing nanoparticles
	Pavel Mihaylov Kuzmanov, Bulgarian Academy of Sciences, Bulgaria
	Pavel Kuzmanov has completed his PhD from Institute of Metal Science, Equipment and Technologies with Hydroaerodynamics Centre "Acad. A. Balevski" - Bulgarian Academy of Sciences – Sofia, Bulgaria. He works as assistant professor in the same institute. He has published more than 10 papers in reputed journals.
Networking and Refreshment (17:05-17:20)	
Session Adjournment	
Day 2 : June 27, 2019	
Introduction	
Keynote Forum	
	Keynote 1
	Keynote 2
	Keynote 3
*Slots Available	
Networking and Refreshment (10:30-10:50)	
Workshop	
	Workshop/ Special Session
Lunch Break (12.45-13.30)	
Oral Session I	
11:50-12.20	Title: Study on the crystallization of A356 alloy containing nanoparticles
	Sushil Kumar Sharma, University of Agriculture, India
	He has QA professional; with more than 4 years' experience in QA for the pharma, chemical and Pharma industries. He is also Assistant Professor (Organic Chemistry) Department of chemistry, Faculty of Science.
Networking and Refreshment	
Poster Session	
** Slots available	
Oral Session II	
13:30-13:55	Title: Study on the crystallization of A356 alloy containing nanoparticles
	Mohammed K.J. Alobaidi, University of Baghdad, Iraq
	He is Senior Assistant Professor for Institute of Metal Science, Equipment and Technologies with Hydroaerodynamics Centre. He has Citations 27.
13:55-14:20	Title: Adsorption-Desorption Cycle of Chemisorbed CO2 on the Surface of SnO2 and Co-SnO2 for Room Temperature Gas Sensor
	Mohamed A. Basyooni, University of Konya Necmettin Erbakan, Turkey
	He has completed M.Sc. degree in Experimental Physical Chemistry with honors at Nanophotonics and Applications Lab, Faculty of Science, Beni-Suef University. He was working in semiconductor technology for many years to develop a room temperature gas sensors based on metal oxide semiconductors nanostructure thin films. He developed a room temperature gas sensor with more than 80% sensitivity towards carbon dioxide based on novel wrinkle porous net-work nanostructure-based sodium doped zinc oxide, published in Nature. Currently, he is working in energy efficient materials, vanadium dioxide (VO2) based smart coatings and the gas sesnsing behavior

	Speaker 4
	Speaker 5
	Speaker 6
	Speaker 7
**Slots Available	
Networking and Refreshment (15.45- 16.05)	
Award Ceremony & Closing Ceremony	

**Note: Tentative Program has been designed with the projected speakers' names and titles, dates for this program are subject to change Avail Speaker Opportunity: Send us your abstract and biography by May 2019 also send your proposals & details to confirm your participation and Book Your Dates: Material Science 2019 during June 26- 27, 2019 in Paris, France.

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Paris is the capital of France and is a major European city and a global center for art, fashion, gastronomy and culture. Its 19th-century cityscape is crisscrossed by wide boulevards and the River Seine. Beyond such landmarks as the Eiffel Tower and the 12th-century, Gothic Notre-Dame cathedral, the city is known for its cafe culture and designer boutiques

Paris has been one of Europe's major centres of finance, commerce, fashion, science, and the arts.











Glimpse of Material Science 2018

Materials Science and Engineering Conference 2018 was one of the most successful conferences in the past and now we again give you people the opportunity to be a part of this conference and share your knowledge cordially, contributing towards the success of the conference in 2019. So, we delightfully invite you to joins us again for Materials Science Conference 2019 and share your knowledge and experience on our global platform.











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