

GSASET2022

Global Summit on Applied Science, Engineering and Technology

March 17, 2022

Virtual

TENTATIVE PROGRAM



The Scientistt

Bangalore, India

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DAY-01 | Thursday, March-17, 2022

Virtual Presentations

Starts @ London UK Time Zone GMT+1

09:00-09:10	Introduction	
09:10-09:40	Title: Ultra-High Bandwidth Applications of Integrated Kerr Optical Frequency Microcombs	P
	David Moss, Swinburne University of Technology , Australia	
09:40-10:10	Title: Development of Materials for Advanced Rechargeable Lithium-Sulfur Batteries	P
	Jiazhao Wang, University of Wollongong, Australia	
10:10-10:40	Title: Technologies and Strategies to Achieve Better Energy-Efficient Air Conditioning	P
	Chua Kian Jon Ernest, National University of Singapore, Singapore	
10:40-11:05	Title: High Precision Foreign Object Debris Detection (FODDS) Millimetre Wave Radar For Airport Runway Safety and Surveillance	K
	Sevia Mahdaliza Idrus, University of Technology, Malaysia	
11:05-11:30	Title: Eye Diagram Based Multiparameter Monitoring of Optical Channels Using Convolutional Neural Network	K
	Yang Yue, Xi'an Jiaotong University , China	
11:30-12:00	Title: Basics of Airborne Sound Transmission through Wall and Floors	P
	Mahavir Singh, CSIR-National Physical Laboratory, India	
12:00-12:25	Title: Quo Vadis Cyber Security	K
	Ivan Zelinka, Technical University of Ostrava, Czech Republic	
12:25-12:50	Title: Title: A standard Primary Energy Platform for Evaluating Energy Efficiency of Desalination Plants	K
	Kim Choon NG, King Abdullah University of Science and Technology, Saudi Arabia	
12:50-13:20	Title: A View of F6G: Optics to Everything	P
	Jinlong Wei, Huawei German Research Center, Germany	
13:20-13:50	Title: Affibody-Based Next-Generation Therapeutics	P
	Stefan Stahl , Royal Institute of Technology, Sweden	
13:50-14:10	Title: Water and its Dielectric Signature : New Marker for Biosensing	I
	Yuri Feldman, The Hebrew University, Israel	
14:10-14:30	Title: Application of Attosecond Science to Metrology and Nanotechnology	I
	Eugene Frumker, Ben-Gurion University, Israel	
14:30-14:55	Title: Smart Service Recommendations Supported by Cloud Computing	K
	Ivan Ganchev, University of Plovdiv, Bulgaria	

14:55-15:15	Title: Assessment on the Impact of Interior Insulation on External Walls in Three Swedish Buildings	I
	Akram Abdul Hamid, Lund University, Sweden	
15:15-15:35	Title: Extending the Service Life of Structures in Harsh Regions	I
	Ashraf Biddah , Ain Shams University, Egypt	
15:35-15:55	Title: Utilisation of Unconventional Water Sources	I
	Frank Rogener , Cologne University of Applied Sciences, Germany	
15:55-16:20	Title: A Common Energy Platform for Evaluating Energy Efficacy of all types of Chillers and Heat Pumps	K
	Muhammad Wakil Shahzad, Northumbria University, UK	
16:20-16:40	Title: Multi-Physics and Multi-Scale Adaptive Mesh Predictive Modelling using Machine Learning and Data Assimilation	I
	Fangxin Fang, Imperial College London, UK	
16:40-17:05	Title: Plant Biotechnology for Improving Biofuel Production	K
	Chandrashekhar P. Joshi , Michigan Technological University, USA	
17:05-17:30	Title: New Found 3D Physics: Re Space, Dark Energy & Big Bang	K
	Charles Sven , Observational and Theoretical Scientist, USA	
17:30-17:50	Title: Von Willebrand Factor – a Giant Multimeric Plasma Protein, Flow Sensor, and Biomimetic Target Molecule	I
	Xiaohui Frank Zhang, Lehigh University, USA	
17:50-18:10	Title: The Impact of Financial Literacy among Millennials and Generation Zs in the Applied Science and Engineering Fields	I
	Audra R. Sherwood, Embry-Riddle Aeronautical University, USA	
18:10-18:30	Title: Elastic Resonators Weakly Coupled: a Paradigmatic Model for Condensed Matter Physics	I
	Rafael A. Méndez, Universidad Nacional Autónoma de Mexico, Mexico	
18:30-18:50	Title: Fatigue Properties of Continuous Wave and Pulsed Wave Laser Cold-Wire Welding of thick Section AA6005-T6 Aluminum Alloys	I
	Yasser Zedan, Ecole de Technologie Supérieure , Canada	
18:50-19:10	Title: A Novel Method to Study Drug-Induced Cellular Apoptosis: Raman Spectroscopy and Phase Imaging	I
	Alexander Khmaladze, University at Albany , USA	

END OF CONFERENCE

***Note: This is a Tentative program, there may be slight changes till the final program**



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2nd Global Summit on Applied Science, Engineering and Technology

March 23-25, 2023 | Rome, Italy

