

The Scientistt
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GSASET2022

Global Summit on Applied Science, Engineering and Technology

March 17, 2022

Virtual

FINAL PROGRAM



The Scientistt

Bangalore, India

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DAY-01 | Thursday, March-17, 2022

Virtual Presentations

Starts @ London UK Time Zone

09:00-09:10 Introduction

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

14:55-15:15	Title: Assessment on the Impact of Interior Insulation on External Walls in Three Swedish Buildings Akram Abdul Hamid, Lund University, Sweden	I
15:15-15:35	Title: Extending the Service Life of Structures in Harsh Regions Ashraf Biddah , Ain Shams University, Egypt	I
15:35-15:55	Title: Utilisation of Unconventional Water Sources Frank Rogener , Cologne University of Applied Sciences, Germany	I
15:55-16:20	Title: A Common Energy Platform for Evaluating Energy Efficacy of all types of Chillers and Heat Pumps Muhammad Wakil Shahzad, Northumbria University, UK	K
16:20-16:40	Title: Multi-Physics and Multi-Scale Adaptive Mesh Predictive Modelling using Machine Learning and Data Assimilation Fangxin Fang, Imperial College London, UK	I
16:40-17:05	Title: Plant Biotechnology for Improving Biofuel Production Chandrashekhar P. Joshi , Michigan Technological University, USA	K
17:05-17:40	Title: New Found 3D Physics: Re Space, Dark Energy & Big Bang Charles Sven , Observational and Theoretical Scientist, USA	K
17:40-18:00	Title: Von Willebrand Factor – a Giant Multimeric Plasma Protein, Flow Sensor, and Biomimetic Target Molecule Xiaohui Frank Zhang, Lehigh University, USA	I
18:00-18:20	Title: The Impact of Financial Literacy among Millennials and Generation Zs in the Applied Science and Engineering Fields Audra R. Sherwood, Embry-Riddle Aeronautical University, USA	I
18:20-18:40	Title: Elastic Resonators Weakly Coupled: a Paradigmatic Model for Condensed Matter Physics Rafael A. Méndez, Universidad Nacional Autónoma de Mexico, Mexico	I
18:40-19:00	Title: Fatigue Properties of Continuous Wave and Pulsed Wave Laser Cold-Wire Welding of thick Section AA6005-T6 Aluminum Alloys Yasser Zedan, Ecole de Technologie Supérieure , Canada	I
19:00-19:20	Title: A Novel Method to Study Drug-Induced Cellular Apoptosis: Raman Spectroscopy and Phase Imaging Alexander Khmaladze, University at Albany , USA	I

END OF CONFERENCE



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2nd Global Summit on Applied Science, Engineering and Technology

March 23-25, 2023 | Rome, Italy

<https://www.thescientistt.com/2023/applied-science-summit>

