

# Global Scientific Guild Conference

## Program

**2<sup>nd</sup> Global Webinar on  
Applied Science, Engineering and Technology**

**August 28-29, 2021**

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<https://www.globalscientificguild.com/applied-science>

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# Day-1

Saturday, August 28, 2021

Timing: 11:00-17:45 Central European Summer Time (CEST)

11:00-11:15 Introduction/Opening Ceremony

11:15-11:45 **Title: The Energy Based Approach to Fatigue**

Prof. N. Ranganathan, University of Tours, France

11:45-12:15 **Title: Network Theoretic Classification of Cyber Attacks and its Application to Preventing Outbreak of Poteintial Attacks**

Prof. Shigeo Akashi, Tokyo University of Science, Japan

12:15-12:45 **Title: Computation of Combined Electrical and Magnetic Field on Dissipative Immiscible Newtonian Fluid/Nanofluid Dynamics**

Prof. J.C. Umavathi, Gulbarga University, India

12:45-13:15 **Title: Structural Modulations in Functional Components by Stereolithographic Additive Manufacturing for Energy and Material Flows**

Prof. Soshu Kirihara, Osaka University, Japan

13:15-13:30 **Break**

13:30-14:00 **Title: Forced Convection of MHD-Boundary Layer Steady Flow Past Thin Needle with Variable wall Temperature in Casson Nano Fluid**

Mr. Dhone Appasaheb Sharanappa, Gulbarga University, India

14:00-14:25 **Title: Importance of Green Corrosion Inhibitors in Industry**

Mr. Subrajit Bosu, Sohar University, Oman

14:25-14:50 **Title: Nano Technology for Micro Electronics and Opto Electronics**

Ms. S. Swetha, PSG College of Technology, India

14:50-15:15 **Title: Flow Characteristics of Micropolar Nanofluid Sandwiched between Viscous Permeable Fluids**

Mr. Prashant S. Sutkar, Gulbarga University, India

15:15-15:30 **Break**

15:30-16:00 **Title: The use of Continuous Strain Monitoring in order to Assess Ground Support Behaviour and Conduct Quality Control**

Prof. Nicholas Vlachopoulos, Royal Military College of Canada, Canada

16:00-16:30 **Title: Artificial Intelligence in Transportation: Techniques and Applications**

Prof. El Sayed Mahmoud, Sheridan College (Oakville), Canada

16:30-17:30 **Title: Analysis of the Navier-Stokes problem**

Plenary Talk by Prof. Alexander G. Ramm, Kansas State University, USA

17:30-17:45 **Panel Discussion**

Day 1 Ends

# Day-2

Sunday, August 29, 2021

Timing: 11:00-17:45 Central European Summer Time (CEST)

- 11:00-11:30** **Title: Role of Humanoid Robots in Smart Environment**  
Dr. Sailesh Iyer, Rai University, India
- 11:30-12:00** **Title: Interfacial Engineering of PTAA/Perovskite for Improved Holes Extraction in Efficient Inverted Perovskite Solar Cells**  
Dr. Li Yang, University of Macau, China
- 12:00-12:30** **Title: IoT Development: Challenges and Opportunities**  
Dr. Balakrishnan Subramanian, Sri Krishna College of Engineering and Technology, India
- 12:30-13:00** **Title: Study of Anxiety and Fear of COVID-19 Pandemic in Indian Context**  
Dr. Basavarajaiah, Karnataka Veterinary Animal and Fisheries Sciences University (B), India
- 13:00-13:15** **Break**
- 13:15-13:40** **Title: Sustainable Waste Management through Circular Economy, Technology, Policy and Participation**  
Prof. Mervat El-Hoz, CEO, Environmental Engineering Consulting, Lebanon
- 13:40-14:05** **Title: Micropolar Fluid Flow Past a Two-Dimensional Body Ampled with Nanofluid: Applications in Polymer Coating**  
Mr. Mahesh Ashok Kumar, Gulbarga University, India
- 14:05-14:35** **Title: Interpolation and Extrapolation of Curves and Functions.**  
Dr. Dariusz Jacek Jakóbczak, Koszalin University of Technology, Poland
- 14:35-15:05** **Title: Viral Electrical detection**  
Prof. Mahmoud Al Ahmad, UAE University, U.A.E
- 15:05-15:20** **Break**
- 15:20-15:50** **Title: Hydrogen as a Future Energy Carrier for the Automotive Domain and the Efficacy of Metal Hydride Hydrogen Storage Systems in Fuel Cell Vehicles**  
Mr. Shyam Sashvat, Overall Student Coordinator at PSG Tech, India
- 15:50-16:20** **Title: Valorization of hydrotalcite catalysts nanomaterials to produce hydrogen and reduce greenhouses gases**  
Dr. Zoulikha ABDELLESADEK, University of Sciences and Technology Houari Boumediene, Algeria
- 16:20-16:50** **Title: Heat Treatment Evaluation for the Camshafts Production of ADI Low Alloyed with Vanadium**  
Mr. Antonio Magaña Hernández, Arbomex, Mexico
- 16:50-17:20** **Title: World Global Village & Smart Age**  
Prof. Eduard Babulak, National Science Foundation, USA
- 17:20-17:45** **Panel Discussion**

**Day 2 Ends**

# Vote of Thanks

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## Next Event:

# **3<sup>rd</sup> Global Webinar on Applied Science, Engineering and Technology *January 21-23, 2022***

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