

Global Scientific Guild Conference

PROGRAM

14th Global Webinar on Applied Science, Engineering and Technology

November 25-26, 2025

Conference Honorary Chairman



Prof. Tomasz Krystofiak
*Poznan University of Life Sciences
Poland*

Conference Chairperson



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

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DAY-1

Tuesday, November 25, 2025

Conference starts at 09:00 AM Eastern Time or 02:00 PM GMT or 07:30 PM IST

09:00-09:10 Introduction/Opening Ceremony

09:10-09:50



Title: "ATMOS Global™' s Intelligence Revolution: Quantum AI Shaping Finance and Healthcare in the Age of Intelligence"

Dr. Orestis Denis Valianatos, Global President and CEO, ATMOS Global Pty Ltd (ATMOS Global™), Australia

09:50-10:25



Title: Advancing Net-Zero Aviation: Microalgae-Driven CO₂ Utilisation and Renewable Jet Fuel Pathways

Dr. Amarnath Krishnamoorthy, University of the West of Scotland, UK

10:25-11:00



Title: Fabrication of polycrystalline nanofilms for organic molecules monitoring

Paulo Cesar De Moraes, University of Brasilia, Brazil



Title: MHD Couple Stress boundary-layer flow with heat and mass transfer under thermal radiation and Marangoni effect: A Numerical study

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

11:35-12:05



Title: New Efficient Computergraphics HeightMapping and Illumination Algorithm techniques using pseudofunctions

Dr. Glenn Tony Manuel Barrera, Barrera Science Lab, Sweden

12:05-12:15 Break

12:15-12:45



Title: Asteroseismology With Quantum Corrections

Prof. Pralay Kumar Karmakar, Tezpur University, India

12:45-13:15



Title: Future Literacy: how to shape a sustainable and inclusive future

Judith van den Berg-Frijters, Breda University of Applied Sciences, Breda The Netherlands

13:15-13:45












Title: AI and Cyber Forensic: Research Trends

Dr. Sailesh Iyer, Narnarayan Shastri Institute of Technology- Institute of Forensic Sciences and Cyber Security, India

DAY-2

Thursday, November 26, 2025

Conference starts at 09:00 AM Eastern Time or 02:00 PM GMT or 07:30 PM IST

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| 09:00-09:30 | Title: Toward Sustainable Water Use in Green Hydrogen Production |
|  | Prof. Diogo M.F. Santos, CeFEMA and Instituto Superior Técnico, Ulisboa, Portugal |
| 09:30-10:00 | Title: Role of Physicochemical and spectroscopic methods to characterize the in-situ chemical speciation of the inorganic contaminants for Remediation of Water Pollution, and Global Warming through the Catalytic Oxidants and 'Predictive Model of Chemical Reaction Kinetics (PM-CRK)' |
|  | Dr. Virendra Goswami, Indian Institute of Technology (IIT) & 'Environment and Peace Foundation', India |
| 10:00-10:30 | Title: Epoxy decorative resin for wood industry |
|  | Dr. Tomasz Krystofiak, Poznan University of Life Sciences, Poland |
| 10:30-11:00 | Title: AI-Powered Digital Twins: Transforming Engineering Design & Predictive Maintenance |
|  | Dr. S. Balakrishnan, AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, India |
| 11:00-11:30 | Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator |
|  | Dr. Seongwoo Woo, Ethiopia Technical University, Ethiopia |
| 11:30-11:40 | Break |
| 11:40-12:10 | Title: Terahertz Science and Technology in brain sciences |
|  | Prof. Ramachandran Muthiah, Morning star hospital, India |
| 12:10-12:40 | Title : Trust, Artificial Intelligence, and Risk in the Digital Age |
|  | Mrs. Nia Luckey, AT&T., USA |
| 12:40-13:10 | Title: Generative Artificial Intelligence for Cyber Security |
|  | Dr. Farah Jemili, University of Sousse, Tunisia |
| 13:10-13:40 | Title : Rise of the Applied AI |
|  | Prof. Dr. Eduard Babulak, National Science Foundation, USA |

Next Event:

**15th Global Webinar on
Applied Science, Engineering and Technology
March 25-26, 2026**

OUR OTHER CONFERENCES

15th Global Webinar on Forensic Science	November 19-20, 2025
3rd Global Webinar on Neuroscience and Brain Disorders	December 03-04, 2025
4th Global Webinar on Renewable and Sustainable Energy	December 09-10, 2025
13th Global Webinar on Public Health	February 25-26, 2026
14th Global Webinar on Materials Science and Engineering	March 04-05, 2026
16th Global Webinar on Traditional and Integrative Medicine	March 11-12, 2026
2nd Global Webinar on Obstetrics and Gynecology	March 25–26, 2026