

WEBINAR

Program

V-ASET2021

5th Edition of Applied Science, Engineering
&
Technology Virtual

December 13 | 07:00 – 11:00 GMT

December 14 | 12:00 – 16:50 GMT



December 13, 2021

GMT 07:00 – 11:00

07:00 – 07:10

Introduction



Keynote Sessions

Webinar

Speakers

Time Zone

Time Zone

07:10 – 07:45

08:10 – 08:45

Title: Malliavin Calculus of Bismut type for non-markovian semi-groups: an introduction

Remi Leandre, University of Franche-Comté, France.

07:45 – 08:20

16:45 – 17:20

Title: First Principles Studies on the Atomistic Processes of GaN Metal Organic Vapor Phase Epitaxy (MOVPE)

Kenji Shiraishi, Nagoya University, Japan.

08:20 – 08:55

17:20 – 17:55

Title: Applicability Test of New Type Removable Tsunami Breakwater and Simple Barrier

Tetsuya Hiraishi, Kyoto University, Japan.

08:55 – 09:30

16:55 – 17:30

Title: An Analysis of Thermal Effects on Vibrations of a Quartz Crystal Microbalance

Ji Wang, Ningbo University, China.

09:30 – 10:05

17:30 – 18:05

Title: Design of Machining Tools: Current Development and Future Prospect in Mold and Die, Automotive and Medical Applications

Ahmad Razlan Yusoff, Universiti Malaysia Pahang, Malaysia.



Invited Sessions

10:05 – 10:25 11:05 – 11:25

Title: Sculpting the Nanoscale: targeting novel applications and venues

Per A Löhman, University Kaiserslautern, Germany.

10:25 – 10:45 19:25 – 19:45

Title: Numerical Analysis on Coupling Phenomena in Single Cell of PEFC under High Temperature Operation Condition than Usual

Akira Nishimura, Mie University, Japan.

Poster Presentation

10:45 – 11:00 18:45 – 19:00

Title: Tensile Strength of Multi-Walled Carbon Nanotubes Buckypaper

Shiuh-Chuan Her, Yuan Ze University, Taiwan.

End of Day One



December 14, 2021

GMT 12:00 – 16:50

07:00 – 07:10

Introduction

Webinar

Speakers

Time Zone

Time Zone



Keynote Sessions - 1

12:10 – 12:45

12:10 – 12:45

Title: Current and Future of Directions of Augmented and Virtual Reality

Hoshang Kolivand, Liverpool John Moores University, UK.

12:45 – 13:20

13:45 – 14:20

Title: New solutions for storing and using surplus electricity in Methanol

Edgar Harzfeld, Stralsund University, Germany.

13:20 – 13:55

08:20 – 08:55

Title: Electrowetting and Its Applications in Adaptive Electronics Cooling, Optofluidic Solar Concentrators and Agile Beam Steering for Automatic Driving

Jiangtao Cheng, Virginia Tech, USA.

13:55 – 14:30

08:55 – 09:30

Title: Discovery: Reduction in photosynthesis correlation to carbon dioxide increase

Dave White, Climate Change Truth Inc. cctruth.org, USA.

14:30 – 14:40

Networking and Refreshments Break



Invited Sessions

14:40 – 15:00 15:40 – 16:00

Title: Environment Perception-based Deep Learning. Application to Road and Railway Smart Mobility

Redouane KHEMMAR, ESIGELEC/IRSEEM, France.

15:00 – 15:20 12:00 – 12:20

Title: Spectroscopic evidences of defective species in hybrid ceria quantum-dots

Leandro Rocha, federal university of são carlos, Brazil.

15:20 – 15:40 16:20 – 16:40

Title: Avatar: from fantasy to an innovative customer service tool

Piotr Maśloch, War Studies University, Poland.



Keynote Sessions - 2

15:40 – 16:15 10:40 – 11:15

Title: Two-Dimensional Materials for Future Energy-Efficient Nanoelectronics

Huamin Li, University at Buffalo, The State University of New York, USA.

16:15 – 16:50 11:15 – 11:50

Title: Aptamer as “chemical antibody soup” and organ on a chip: promising material for personalized treatment

Tran Thi Thanh Thoa, Aptagen LLC, USA.

Closing Ceremony