



Sci Wide
WEBINARS

Webinar

Program

V-Appliedscience2021

August 20 - 21 | 07:00 – 12:00 GMT

FRIDAY

August 20, 2021

GMT 07:00 – 12:00

07:00 – 07:10

Introduction & Opening Ceremony



Keynote Sessions - 1

Webinar
Time Zone

Speakers
Time Zone

07:10 – 07:50

16:10 – 10:50

Title: Identification of Inorganic Solids for True Design and Precise Characterization of Functional Materials

Bunsho Ohtani, Hokkaido University, Japan.

07:50 – 08:25

15:50 – 16:25

Title: Hybrid Thermoplastic Rubber Nanocomposites For Radar Absorbing Materials

Sahrim Ahmad, Universiti Kebangsaan Malaysia, Malaysia.

08:25 – 09:00

16:25 – 17:00

Title: Performance of Resistive-Type Humidity Sensor Using Chemical Solution Grown Metal Oxide Nanostructures

Mohamad Hafiz Mamat, Universiti Teknologi MARA, Malaysia

09:00 – 09:35

17:00 – 17:35

Title: Layer by Layer Composites for Supercapacitors

Yusran Sulaiman, Universiti Putra Malaysia, Malaysia.

09:35 – 10:10

18:35 – 19:10

Title: CO₂ Reduction Performance of Cu/TiO₂ Photocatalyst with NH₃ and H₂O

Akira Nishimura, Mie University, Japan.

10:10 – 10:20

Networking and Refreshments Break

10:20 – 10:55 14:20– 14:55

Title: The Effect of Temperature and Moisture Change on the Heat Transfer through Building Envelope

Maatouk Khoukhi, United Arab Emirates University, UAE.

10:55 – 11:30 16:25– 17:00

Title: Recent Trends in Plasma Antenna Technology

Rajneesh Kumar, Banaras Hindu University, Varanasi, India.

Invited Sessions

11:30 – 11:50 14:30 – 14:50

Title: Special Cases for Hydrogen Related Studies

Hasan Koten, Istanbul Medeniyet University, Turkey.

End of Day One

SATURDAY

August 21, 2021

GMT 07:00 – 12:00

07:00 – 07:10

Introduction



Keynote Sessions

Webinar
Time Zone

Speakers
Time Zone

07:10 – 07:50

17:10 – 17:50

Title: Materials Space-Tectonics: A Conceptual Paradigm
for Creating Second-Generation Porous Materials

Yusuke Yamauchi, The University of Queensland, Australia.

07:50 – 08:25

15:50 – 16:25

Title: Advanced Cathode Materials for Solid Oxide Fuel Cells

Nurul Akidah Baharuddin, Universiti Kebangsaan Malaysia,
Malaysia.

08:25 – 09:00

17:25 – 18:00

Title: Design of Phospholipid Self-assembly in View of
Transdermal Drug Delivery System

Noriyuki Uchida, Tokyo University of Agriculture and Technology, Japan.

09:00 – 09:35

18:00 – 18:35

Title: Four-Dimensional Geometry-Based Stochastic Channel
Modeling for Polarized MIMO Systems with Moving
Scatterers

Hamed Radpour, Korea Advanced Institute of Science and Technology,
South Korea.

09:35 – 10:10

17:35 – 18:10

Title: Towards A Future Of WDM-POF Network With User And Environmental Friendly

Mohd Syuhaimi Ab Rahman, Universiti Kebangsaan Malaysia, Malaysia.

10:10 – 10:20

Networking and Refreshments Break

Invited Session

10:20 – 10:40

07:20 – 07:40

Title: Synthesis of novel therapeutics towards COVID-19 management: nanoceria as the tool

Leandro Rocha, Federal University of São Carlos, Brazil.



Keynote Sessions - 2

10:40 – 11:15

19:40 – 20:15

Title: Stereolithographic Additive Manufacturing of Ceramic Component for Energies and Materials Flow Modulations

Soshu Kirihaara, Osaka University, Japan.

11:15 – 11:50

06:15 – 06:50

Title: Quantum Interactions in Halide-assisted Growth of WSe₂ for High-performance Optoelectronic Devices

Kaul Anupama, University of North Texas, USA.

Closing Ceremony