

11th SOLARIS 2021

International Symposium of Solar and Efficient Energy Usage
<https://solaris2021.com>

Symposium will be held in Tokyo (online), Sep 27-30, 2021. Program includes general presentations and invited lectures across all the aspects of solar energy.

Invited Lectures



Prof. Jie Ji

University of Science and Technology of China, China

“Study on the Multi-Functional Application of BIPV/T System”



Prof. Soteris Kalogirou

Cyprus University of Technology, Cyprus

“Renewable Energy Systems: Global Status and Prospects”



Prof. Tatsuya Kodama

Niigata University, Japan

“Solar Thermochemical Water/CO₂ Splitting Cycles”

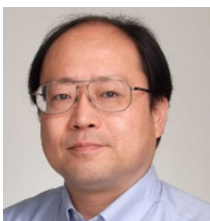


Dr. Taizo Masuda

Toyota Motor Corporation, Japan

The University of Electro-Communications, Japan

“Progress and Prospects of Vehicle-Integrated Photovoltaics and Efforts at Toyota”



Dr. Hironao Matsubara

Institute for Sustainable Energy Policies, Japan

“Control and Utilization of Surplus Electricity for the High Share of Variable Renewable Energy”



Prof. Tariq Muneer

Edinburgh Napier University, UK

“Solar Radiation and Illuminance Models”



Dr. Isamu Ohta

Misawa Homes Institute of Research and Development, Co., Ltd., Japan

“Utilization of Hydrogen in Zero Energy Homes”



Professor Deo Prasad

University of New South Wales, Australia

Climate Emergency: Delivering Net Zero Carbon Buildings



Dr. Muhammad Wakil Shahzad

Northumbria University, UK

“Tri-Hybrid Cycle for Future Sustainable Water Supplies”



Dr. Harjit Singh

Brunel University London, UK

“Directly Absorbing Nanofluid Enabled Solar Thermal Concentrators and Vacuum Insulation Panels for 100% Environment Friendly Horticultural Cold Storage”



Prof. Aldo Steinfeld

ETH Zurich, Switzerland

“Sustainable Transportation Fuels from H₂O and CO₂ Using Concentrated Solar Energy”



Prof. Hiroshi Suzuki

Kobe University, Japan

“Development of Hard-Shell Micro-Encapsulated Phase Change Materials”



Prof. Yasuyuki Takata

Kyushu University, Japan

“Thermal Problems of Hydrogen at High Pressures”



Prof. Alan (Al) W. Weimer

University of Colorado Boulder, USA

“Two-step Solar-thermal Water Splitting - The Path Forward”



Prof. Zhuomin Zhang

Georgia Institute of Technology, USA

“Thermal Radiative Properties of Solid Particles for Concentrated Solar Power Using Particle Receivers”