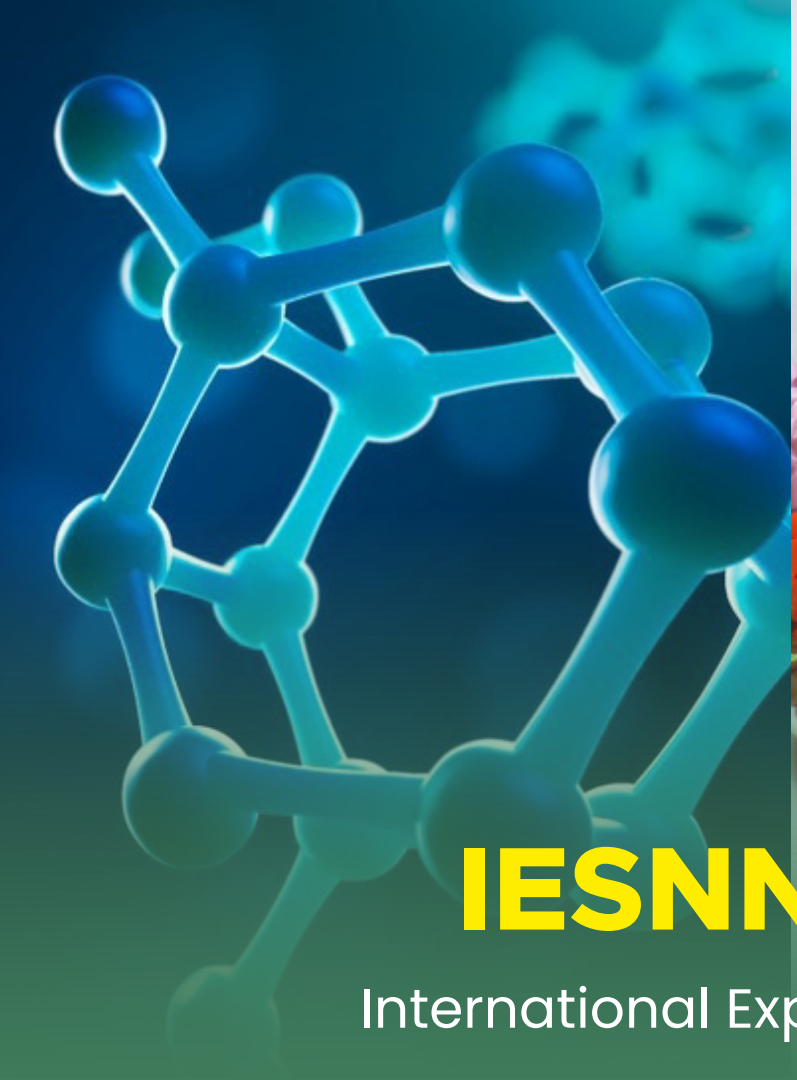

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IESNN2023

International Experts Summit on

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November 06, 2023

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Virtual Presentation Mondat | November 06, 2023
Introduction: 09:20AM - 09:30AM
Time Zone@ Beijing, China (GMT+8)

09:30AM-10:10AM	P	**Title:** Molecular Dynamics Study of Silica and Silicate **Junko Habasaki,** *Tokyo Institute of Technology (retired), Japan*
10:10AM-10:40AM	P	**Title:** Tunable Bi-directional Photoresponse in Hybrid PtSe2-x Thin Films Based on Precisely Controllable Selenization Engineering **He Yu,** *University of Electronic Science and Technology of China, China*
10:40AM-11:20AM	P	**Title:** Employing Nanomaterials for Cooling and Dehumidification Innovation **Chua Kian Jon Ernest,** *Department of Mechanical Engineering, 9 Engineering Drive 1, Singapore, Singapore*
11:20AM-12:00AM	P	**Title:** Rapid Volumetric Additive Manufacturing in Solid State **Huang Weimin,** *Nanyang Technological University, Singapore*
11:20AM-12:00AM	P	**Title:** Layered Double Hydroxide Materials and their Application to Electrochemical Devices **Jason Jieshan Qiu,** *Faculty of Engineering, Hokkaido University, Japan*
12:00PM-12:30PM	K	**Title:** Stereolithographic Additive Manufacturing of Bioceramic Components with Dimensionally Modulated Structures **Soshu Kirihara,** *Osaka University, Japan*
12:30PM-13:00PM	K	**Title:** Explosives Detection by Photoluminescence Quenching of Conjugated Polymers Under Various Environmental Conditions **Eunsoon Oh,** *Chungnam National University, South Korea*
13:00PM-13:25PM	I	**Title:** Wearable Devices for Low Vision People **Nataly Carolina Rosero-Navarro,** *Dalian Maritime University, China*
13:25PM-13:50PM	I	**Title:** Lo-XPEIS, Localized Photoelectron Impedance Spectroscopy for Investigation of Liquid/Solid Interfaces fro Energy-Storage Systems **Jochen Schneider,** *RWTH Aachen University, Germany*
13:50PM-14:15PM	I	**Title:** Facile Fabrication of Smart Polymers for Controlled Drug Delivery **Sefik Suzer,** *Bilkent University, Turkey*
14:15M-14:40PM	I	**Title:** The Impact of High Pressure on Phase Transitions in Liquid Crystals Based Nanocolloids **E Manikandan,** *Institute of High Pressure Physics, Polish Academy of Sciences Warsaw, Poland*

14:40PM-15:05PM	I	**Title:** Organosilicon Porous Materials **Dengxu Wang,** *Shandong University, China*
15:05PM-15:30PM	I	**Title:** Development of Porosity Ceramic Scaffold Based on Hydrothermal g-AlOOH for Fabrication of SLIPS Surfaces **Mrs Maria Caruso,** *CNR-ISSMC, Faenza (RA), Italy*
15:30PM-15:55PM	I	**Title:** GaAs Heterogeneous Integration on Silicon at the Nanoscale **Charles Renard,** *C2N- CNRS / University Paris-Saclay, France*
15:55PM-16:20PM	I	**Title:** Thermal Analysis of Memristive Nanodevices Allowing Prediction of Critical Switching Voltages **Marius Orlowski,** *Virginia Tech, USA*
16:20PM-16:45PM	I	**Title:** Silica Nanoparticles: Universal Covalent Scaffold **Gabor Patonay,** *Georgia State University, USA*
16:45PM-17:10PM	I	**Title:** The Holy Grail for Live Imaging: Laser Sensors for Medicine **Patricia A. Broderick,** *The City University of New York, USA*
17:10PM-17:35PM	I	**Title:** Application of Deep Learning for Designing Small Molecules and Peptides **Dong Xu,** *University of Missouri, Columbia, USA*
17:35PM-18:00PM	K	**Title:** Energy-Efficient Atmospheric Water Generation Using Hybrid Nanofluids **Venkateswara Rao Kode,** *Research Division, Genesis Systems LLC, USA*
18:00PM-18:40PM	P	**Title:** The Arrival of Nanomaterials in Humans: Fighting Diseases and Growing Tissues **Thomas webster,** *Hebei University of Technology/Interstellar Therapeutics, USA/China*
18:40PM-19:20PM	P	**Title:** REE Elements Recovery by Advanced Magnetic Separation Nanotechnology **Qiang You,** *Physics Department, University of Idaho, USA*
19:20PM-20:00PM	P	**Title:** Advanced Concepts for Ultra- High Conversion Efficiency of Solar Photons into Photovoltaics and Solar Fuels Based on Quantization Effects in Nanostructures and Molecular Singlet Fission **Arthur J. Nozik,** *University of Colorado, USA*

END OF THE PROGRAM (IESNN2023)