

SEMICONMEET2021

SEPTEMBER 16-18, 2021

Final Program



ALBEDO MEETINGS

Floor# 3, Advant Building, 99B, Kakatiya
Hills, Kavuri Hills, Madhapur Hyderabad,
TS 500033

Email: contact@albedomeetings.com

Virtual Presentations

THURSDAY, SEPTEMBER 16, 2021 | Time zone: London, UK(GMT+1)

09:00-09:40	P	Title: Engineering Electro and Optical Properties of Two-Dimensional Perovskites with High Pressure Shen Zexiang , Nanyang Technological University, Singapore
09:40-10:20	P	Title: Defects in Two-Dimensional Transition-Metal Dichalcogenides Andrew Wee , National University of Singapore, Singapore
10:20-10:45	I	Title: Toward Large-Scale Fault-Tolerant Universal Quantum Computation With a Traveling Wave of Light Mamoru Endo , University of Tokyo, Japan
10:45-11:25	P	Title: New Concept Ultraviolet Photodetectors Xiaosheng Fang , Fudan University, China
11:25-11:50	I	Title: Water-Compatible Electronic Tunneling Spectroscopy Nanowire Detectors enabled by Nano-Floret Hybrid Nanosystems Roie Yerushalmi , Hebrew University of Jerusalem, Israel
11:50-12:30	P	Title: Novel artificial 2D Xenon beyond graphene Guy LE LAY , Aix-Marseille University, France
12:30-13:00	K	Title: Rubbery Electronics Cunjiang Yu , University of Houston, France
13:00-13:25	I	Title: Vanadium Dioxide Nano-Composites for Micro-Devices Frederic Dumas-Bouchiat , University of Limoges, France
13:25-13:50	I	Title: Spin-Torque Diodes for IoT Applications Konstantin Zvezdin , Moscow Institute of Physics and Technology, Russia
13:50-14:15	I	Title: From the AFM Tip-Sample Interaction to Nano-Electrical and Nano-Mechanical Properties for Microelectronic Reliability Rosine Coq Germanicus , CRISMAT, France
14:15-14:40	I	Title: Advanced Automotive Interior Lighting: Challenges and Solutions Karlheinz Blankenbach , Pforzheim University, Germany
14:40-15:05	I	Title: Towards band gap engineering of group IV semiconductors Paweł Scharoch , Wrocław University of Science and Technology, Poland
15:05-15:30	I	Title: Sensitive Detection of breast cancer serum biomarkers using Gold Nanostar Rawaa A. Faris , University of Baghdad, Iraq
15:30-15:55	I	Title: Radio frequency and wavelength encoded imaging for semiconductor wafer inspection Bahram Jalali , CNSI, USA
15:55-16:35	P	Title: Quantum Electronic Properties of 2D Materials in Van Der Waals Heterostructures and Coupled to Ultracold Atoms Mark Fromhold , University of Nottingham, UK
16:35-17:15	P	Title: Smart Textiles for Personalized Health Care Jun Chen , University of California, USA

17:15-17:55	P	Title: Random optical fields and materials with parity-time symmetry Olga Korotkova , University of Miami, USA
17:55-18:25	K	Title: Recent Advancements in Thin-Film Lithium Niobate Photonics Sasan Fathpour , University of central florida,USA
18:25-19:50	I	Title: Single photon detectors using a new carrier multiplication mechanism Yu-Hwa Lo ,University of California San Diego, USA
19:50-20:15	I	Title : Elucidating the recombination losses in perovskite solar cells Ahmed Mourtada Elseman , Central Metallurgical Research & Development Institute, Egypt
20:15-20:40	I	Title : III-V semiconductor nanowire electric double layer transistors gated by ionic liquids: Thermoelectric applications Francesco Rossella , Scuola Normale Superiore ,Italy
20:40- 21:05	I	Title : Elucidating the recombination losses in perovskite solar cells Hansong Xue , SERIS, Singapor

End of The Program