

19 July- ANE (Advanced Nano Electronics)- Room A		
Program Chairs: D. Pukazhselvan,R. Devaraj,Ming Fang, Wei Jian Xu		
Session Chairs: Sebastian Zlotnik, Ioan Baldea, Fernando B. Dias		
14.00-14.20	Henrique L. Gomes (Invited)	Nano-fibrous bacterial cellulose for electrophysiological transducers
14.20-14.35	Gintautas Simkus	Organic Vapor Phase Deposition for OLED Technology
14.35-14.50	Manish Kumar	High efficient deep-yellow organic light emitting diodes based on a thermally activated delayed fluorescence emitter
14.50-15.05	Marian Chapran	High triplet level acceptors for multicolor exciplex emission
15.05-15.20	Fernando B. Dias (Invited)	Photophysics of TADF Emitters for Efficient Triplet Harvesting in OLEDs
15.20-15.35	Beata Luszczynska (Invited)	Influence of space charge limited current and unbalanced mobilities on the organic photodetector parameters
15.35-15.50	Amruth C	Slot-die coating of double polymer layers for the fabrication of organic light emitting diodes (OLEDs)
15.50-16.05	Anastasia Klimash	Synthesis and Properties of Novel Monodisperse Conjugated Materials Based on Truxene-Benzothiadiazole-Truxene Core
16.05-16.20	Ramin Pashazadeh	Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence from Purely Organic Compound
16.20-16.35	Xiaofeng Tan	Synthesis and Characterization of Donor-Acceptor Materials with Novel triazine substituent for TADF Emitters
16.35-16.50	Juozas Vidas Grazulevicius	Molecular Glasses Containing Donor and Acceptor Moieties as Emitters and Hosts for Efficient Organic Light Emitting Diodes
16.50-17.05	Gabriela W. Salyga	Iridium (III) complexes with donor and acceptor units as emitters in polymer light emitting diodes
17.05-15.20	Antonio Maggiori	Novel benzonitrile compounds with mixed carbazole and phenothiazine substituents exhibiting TADF, AIE and Mechanochromism

20 July- ANE (Advanced Nano Electronics)- Room A		
Session Chairs: Victor Lopez-Richard, Henrique L. Gomes, Amruth C		
14.00-14.15	Victor Lopez-Richard	Engineering the Bistable Electroluminescence in Resonant Tunneling Devices
14.15-14.30	Yasuhisa Omura	Physics-Based Model for Resistance Transition of Sputter-Deposited Silicon Oxide Films
14.30-14.45	Uvanesh Kasiviswanathan	In-house Developed Electric Cell–Substrate Impedance Sensing (ECIS) System for Studying Dynamic Behaviour of Myoblast cells
14.45-15.00	Sebastian Zlotnik	Wide-Bandgap AlGaIn Epitaxial Structures: Technological Challenges
15.15-15.30	Ali Gokirmak	Phase Change Memory as a Hardware Security Platform
15.15-15.30	Marco Colella	26DCzPPy:PO-T2T interfacial TADF exciplex as a tool to localise excitons, improve efficiency and increase lifetime