IGSTC workshop on
"Solar Photovoltaics: Materials, Mechanisms and Methods"

Lecture hall, CeNS **25 September 2017, Monday**

Time	Presentation Title	Speaker
Opening session		
09:15 - 09:25	Welcome	G. U. Kulkarni
09:25 – 09:45	IGSTC – Nodal Centre for Bilateral Collaboration	Roshan Paul
Session I		**Chair: S. Sampath**
09:45 - 10:30	Organic-inorganic hybrid and all-inorganic ferroelectric perovskite materials for photovoltaic applications: The role of the polar field	D. D. Sarma
10:30 – 11:00	Group Photo and Tea/Coffee	
Session II		**Chair: Satish A. Patil**
11:00 – 11:30	Some Fundamental Aspects of Energy Research in Bayreuth and Bavaria	Mukundan Thelakkat
11:30 – 12:00	Noise Studies to Understand Stability of Perovskite Solar Cells	K. S. Narayan
12:00 – 12:30	Improving PV device efficiency: What We Understand From Photoluminescence Intermittency Measurements In Micron-Size Hybrid Lead Halide Perovskites	Shaibal K. Sarkar
12:30 – 13:00	Direct Correlation between Ultrafast Exciton Dynamics and Photo-conversion Efficiency in Quantum Dot Solar Cell	Hirendra N. Ghosh
Session III		**Chair: Sridhar Rajaram**
13:45 – 14:05	Metal Network Electrodes for ITO-free Semitransparent Organic Solar Cells	Christoph Hunger
14:05 – 14:25	In Search of Alternatives to Fullerenes for Organic Photovoltaics	Ramakrishna Matte
14: 25– 14:45	Colloidal Quantum Dot Solar Cell based on Lead Sulfide and Cesium Lead Halide Perovskite	Pralay K. Santra
14:45- 15:05	Electrophilic Fluorination of α-Fe_2O_3 Nanostructures for application in Photoelectrochemical Cells	Ritu Gupta
15:05 - 15:15	Tea/Coffee	
Session IV		**Chair: S. Angappane**
15:15 –15:45	Recent Innovations in Polymer Solar Cells at CSIR-NPL	Suresh Chand
15:45- 16:15	Graphene-Metal Mesh Hybrid Transparent Electrode	Shyam K. Choudhary
16:15 –16:45	The Role of Colloidal Plasmonic Nanostructures in Organic Solar Cells	Chetan Raj Singh
16:45– 17:15	Highly Conformal Ni Micromesh as Front Electrode for Si Solar Cell	G. U. Kulkarni
17:15 - 17:20	Conclusion	
17:20	Tea/Coffee	