

(05) Organic Electronics

Chair : **Ramgopal Rao V**
Indian Institute of Technology, Bombay, Powai
Mumbai - 400 076, India
Email : rrao@ee.iitb.ac.in

Co-Chairs : **Onoda M**
Graduate School of Engineering
University of Hyogo, 2167 Shosha, Himeji
Hyogo, Japan
E-mail: onoda@eng.u-hyogo.ac.jp

Subodh Mhaisalkar
School of Materials Science and Engineering,
Energy Research Institute
Nanyang Technological University
Singapore - 639 798
Email : subodh@ntu.edu.sg

Satish Patil
Department of Solid State and Structural Chemistry Unit
Indian Institute of Science
Bangalore 560012. India
Email: satish@sscu.iisc.ernet.in

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DETAILED PROGRAMME

Wednesday, 18-12-2013

Session I : 16.00 – 18.00

16.00 - 16.30 Invited Talk (1)	<u>Prof. Ananth Dodabalapur</u>	ABS - Email - ICA Two Decades of Organic Transistor Research : What Next?
16.30 - 17.00 Invited Talk (2)	<u>Dinesh Kabra</u>	ABS - 1567 - ICA Design Rules for Balanced Charge Carriers Transport in Blend of Organic Semiconductors based Optoelectronic devices
17.00 - 17.10 Oral (1)	<u>Sumona Sinha</u> and M. Mukherjee	ABS - 67 - ICA Thickness Dependent Electric Structure of Rubrene Thin Films on Metal, Semiconductor and Dielectric Substrates
17.15 - 17.30 Oral (2)	<u>Akash Nigam,</u> Pradeep Nair, Malin Premaratne and V. Ramgopal Rao	ABS - 1205 - ICA Investigating the validity of Unintentional Doping in Pentacene
17.30 - 17.45 Oral (3)	<u>C. Vijayakumar,</u> A. Saeki and S. Seki	ABS - 343 - ICA Gold Nanoparticle assisted Self-Assembly and Enhancement of charge carrier Mobilities of a Conjugated Polymer
17.45 - 18.00 Oral (4)	<u>Siju C.R.,</u> Ranjith K., Shivaprakash N.C., Praveen C. Ramamurthy, Sindhu, S.	ABS - 1635 - ICA Synthesis and characterization of novel 2,2 di isopropylbenzyl substituted poly (3,4 propylenedioxythiophene) derivative for Opto-electronic applications

Thursday, 19-12-2013

Session II : 10.15 – 11.45

10.15 - 10.45 Invited Talk (3)	<u>Toshihiko Kaji</u>	ABS - 1650 - ICA Co-evaporant induced crystallization for organic solar cells and other organic electronics
10.45 - 11.00 Oral (5)	<u>Sushil Kumar Verma,</u> Pradip Kar, Arup Chodhury, Goutam Sarkhel	ABS - 333 - ICA Induced Doping Effect of Multi-Walled Carbon Nanotube on Poly(m-aminophenol) in their Processable Conducting Composite
11.00 - 11.15 Oral (6)	<u>K. Bhargava,</u> A. Bilgaiyan, P.A. Palod, T. Dixit and V. Singh	ABS - 188 - ICA Theoretical Investigation of Photosensitive Organic Thin Film Transistors using 2D Device Simulations

Session III : 11.45 – 13.15

11.45 - 12.15 Invited Talk (4)	<u>Tatsuo Hasegawa</u>	ABS - 1656 - ICA Print Production Technologies for Organic Thin Film Transistors
12.15 - 12.45 Invited Talk (5)	<u>Bansi D. Malhotra</u>	ABS - 1537 - ICA Nanostructured Metal Oxides based Microfluidics Biosensors
12.45 - 13.00 Oral (7)	<u>Ashwini N. Mallya,</u> Murali M.G. and Praveen C. Ramamurthy	ABS - 1046 - ICA Polymer nanocomposite for detection of nitrate in water
13.00 - 13.15 Oral (7)	<u>A. Bilgaiyan,</u> K. Bhargava, P.A. Palod, T.Dixit and V. Singh	ABS - 6 - ICA The Effect of Gate-Dielectric Surface Energy on 13,6- <i>N</i> -Sulfinylacetamidopentacene Morphology & OFET Characteristics

Poster Session :

Wednesday, 18-12-2013, 14.00-15.30

05 - Poster - 01	Rahul B. Patil, J.B. Yadav, R.K. Puri	Optical transmission loss in polyaniline thin films	ABS - 960 - ICA
05 - Poster - 02	V. Akshaya Shiva, Ravi Bhatia and Reghu Mohan	Enhanced charge transport in highly conducting PEDOT-PSS films after acid treatment	ABS - 1026 - ICA
05 - Poster - 03	J.M. Kim, H. Kim, J.H. Lee and J.G. Jang	New Red Phosphorescent Organic Light-Emitting Diodes with the Characteristics of High Current Density and Brightness	ABS - 1196 - ICA
05 - Poster - 04	Amit Roy, P. Anjaneyulu and Reghu Menon	Impedance studies on PF6 doped poly (3,4-ethylenedioxythiophene) devices	ABS - 1216 - ICA
05 - Poster - 05	P.P. Raja, L. Raja, N.C. Shivaprakash and S. Sindhu	Electrochemical, Structural and Morphological studies of electropolymerized Dimethyl PProDOT thin film for electrochromic applications	ABS - 1363 - ICA
05 - Poster - 06	L. Raja, P.P. Raja, C.R. Siju, N.C. Shivaprakash and S. Sindhu	A study on spectroelectrochemical and switching kinetics of dibenzyl Derivatives of Poly (3, 4-Propylenedioxythiophene) thin films based electrochromic device	ABS - 1381 - ICA
05 - Poster - 07	Vaibhav Varade, Gajanan V. Honnavar, P. Anjaneyulu, K.P. Ramesh, R. Menon	Carrier density and disorder dependent opto-electrical studies of doped poly (3-hexylthiophene) devices	ABS - 1453 - ICA