

(03) III-V and II-VI

Co-chairs

Anshu Pandey
Solid State and Structural Chemistry Unit
Indian Institute of Science
Bangalore 560 012
Email: anshup@sscu.iisc.ernet.in

Angshuman Nag
Indian Institute of Science Education and
Research, Pashan
Pune 4011 008
Email: angshuman@iiserpune.ac.in

Oussama Moutanabbir
Department of Engineering Physics
Ecole Polytechnique de Montreal
Campus de l'Universite de Montreal
2900, Boul. Edouard-Monpetit
2500, Chemin de Polytechnique
Montreal, Quebec, H3C 3A7
Canada
Email: oussama.moutanabbir@polymtl.ca

DETAILED PROGRAMME**Wednesday, 14-12-2016****Session I : 10.15-11.45**

10.15-10.45 Invited Talk (1)	Angshuman Nag	ABS-Email-ICYRAM Cesium Lead Halide Perovskite Nanocrystals: Beyond CdSe Quantum Dots
10.45-11.00 Oral (1)	<u>Shailesh K. Khamari</u> T.K. Sharma	ABS-214-ICYRAM Estimation of Electron Spin Polarization in Strained Quantum Wells by Polarized Photoluminescence technique
11.00-11.15 Oral (2)	<u>A.G. Hernández</u> Yu. Kudriavtsev C. A. Hernández M. G. Ramírez M. A. Avendaño	ABS-414-ICYRAM Pattern Formation and Nanostructured Surfaces on GaSb by Bismuth Ion Irradiation
11.15-11.45 Invited Talk (2)	<u>Sasanka Deka</u>	ABS-Email-ICYRAM Exploration of unique two dimensional CdSe/CdS core@shell hexagonal nanoheteroplateles and CdSe/CdS-Au hybrid nanocrystals

Wednesday, 14-12-2016**Session II : 12.00-13.15**

12.00-12.30 Invited Talk (3)	<u>Simone Assali</u>	ABS-757-ICYRAM Crystal phase control of the optical properties in GaP nanowires
12.30-12.45 Oral (3)	<u>Shashwat Rathkantiwar</u> Swanand Solanke Anisha Kalra, Rangarajan Muralidharan Srinivasan Raghavan Digbijoy Nath	ABS-607-ICYRAM Record High Responsivity in III-nitride Solar Blind MSM Photodetectors
12.45-13.15 Invited Talk (4)	<u>Ranjani Viswanatha</u>	ABS-Email-ICYRAM Study the surface and bulk electronic structure of semiconductor nanocrystals using copper as a nanosensor

Thursday, 15-12-2016
Session III : 10.15-11.15

10.15-10.45 Invited Talk (5)	<u>Anshu Pandey</u>	ABS-Email-ICYRAM Threshold Continuous Wave II-VI Quantum Dot Lasers
10.45-11.00 Oral (4)	<u>Bhanu P. Singh</u>	ABS-653-ICYRAM Optical and Phonon Properties of Zinkblende Indium Nitride under Pressures by First-principle Calculations
11.00-11.15 Oral (5)	<u>Rajender Nune</u> Sandeep Anand Yogesh Singh Chauhan	ABS-731-ICYRAM GaN HEMT based high power density DC-DC Converter
11.15-11.45 Invited (6)	<u>Pralay K. Santra</u>	ABS-Email-ICYRAM

Poster Session :
Wednesday : 14-12-2016 : Time : 14.15-17.15

03-Poster-01	Bhagwati Prasad Bahuguna L. K. Saini R. O. Sharma	ABS-183-ICYRAM Optical Properties of Buckled GaAs Monolayer under Transverse Electric Field
03-Poster-02	Alakananda Das Pushan Guha Roy Chirantan Singha Anirban Bhattacharyya	ABS-202-ICYRAM Selective Growth of ZnO Nanowires on Silicon Micro-Pyramidal Structures
03-Poster-03	Abhiram Gundimeda Monu Mishra, Pooja Bhasker Gahtori, Nita Dilawar, Govind Gupta	ABS-454-ICYRAM Enhanced Optical Properties of Epitaxial GaN film via Wet Chemical Etching
03-Poster-04	V Malapati R.Singh	ABS-456-ICYRAM Near Field optical microscopy studies on Mn-Fe doped ZnO thin films RFsputtered in nitrogen gas environment
03-Poster-05	Shashikant D. Shinde K. P. Adhi	ABS-561-ICYRAM Investigation of Structural, Electrical, Optical and Chemical properties of Pulsed Laser Deposited Er Doped ZnO Thin Films
03-Poster-06	Kishor Upadhyaya S Sharvani	ABS-573-ICYRAM Morphology Dependent Enhancement of SERS

	Narasimha Ayachit S M Shivaprasad	Detection in Ag/GaN Nanowall Network
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