

IUMRS - ICA 2013

TECHNICAL PROGRAMME & ABSTRACTS



International Conference in Asia (IUMRS – ICA 2013)



16-20 December, 2013, Bangalore, India

Venue : J N Tata Auditorium, Indian Institute of Science, Bangalore 560 012

in Association with



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JNCASR

Website : www.iumrs-ica2013.org.in

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07 - Poster - 68	G.T. Smagulova Y.T. Aliev B.T. Lesbayev A.Y. Bakkara, G.T. Ustaeva, N.G.Prikhodko Z.A. Mansurov	Submicron Composite Electrospun – Fibers of Polymethylmethacrylate and Polycapromamid	ABS - 1405 - ICA
07 - Poster - 69	K. Vijaya Kumar and V. Durga Praveena	Biological synthesis of copper nanoparticles using <i>Achyranthes aspera</i> leaf extract and their antibacterial activity	ABS - 1429 - ICA
07 - Poster - 70	H. Rath, B.N. Dash A. Benyagoub and N.C. Mishra	Comparative Study of Track Formation in Rutile and Anatase Phases of TiO ₂ by Swift Heavy Ion Irradiation	ABS - 1448 - ICA
07 - Poster - 71	Nitish Roy and Debabrata Pradhan	Facets Dependent Photocatalysis of Anatase TiO ₂ Nanocrystals	ABS - 1461 - ICA
07 - Poster - 72	P. Ramana Reddy N. K. Udayashankar and Ajith K. M.	Studies of Structural Properties of Porous Anodic Alumina Templates prepared using two Step Anodization Process	ABS - 1470 - ICA
07 - Poster - 73	S. Ramesh K.C. James Raju and C. Vishnuvardhan Reddy	Synthesis and characterization of SDC20 nanopowders	ABS - 1541 - ICA
07 - Poster - 74	Himanshu Srivastava Mahendra Babu Tapas Ganguli A.K. Srivastava and S.K. Deb	Cross-sectional investigation of as grown α -Fe ₂ O ₃ nanowires on iron substrate	ABS - 1559 - ICA
07 - Poster - 75	M. Bradha T. Vijayaraghavan S.P.Suriyaraj R. Selvakumar Anuradha M. Ashok	Synthesis of photo catalytic La _(1-x) A _x TiO _{3-δ} (A= Ba, Sr, Ca) nano perovskites and their application for photo catalytic oxidation of congo red dye in aqueous solution	ABS - 1588 - ICA
07 - Poster - 76	T. Dixit P. A. Palod K. Bhargava A. Bilgaiyan, A. Palani and V. Singh	Investigation on effect of Concentrations on the Nucleation of ZnO nanostructures using Hydrothermal Process for LED Applications	ABS - 1599 - ICA
07 - Poster - 77	Venkata Ravindra A Bhaskar Chandra Behera and Prahallad Padhan	Structure, Morphology, and Magnetization of CoFe ₂ O ₄ -CoO Nanocomposites	ABS - 1617 - ICA
07 - Poster - 78	Manjiri A. Mahadadalkar Ashwini P. Bhirud Ravindra S. Sonawane, Bharat B. Kale	Nanostructured Pt-CdIn ₂ S ₄ Marigold flowers for Photocatalytic hydrogen production by water splitting	ABS - 1675 - ICA
07 - Poster - 79	Ashwini P. Bhirud Rupali P. Waichal Latesh K. Nikam and Bharat B. Kale	Nanostructured p-type Nitrogen-doped ZnO photocatalyst for environmentally benign solar hydrogen production	ABS - 1675a - ICA



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CERTIFICATE



*The Materials Research Society of India is pleased to
award this certificate to*

Gauhar Smagulova, Kazakhstan

for presenting / participating in the IUMRS-ICA 2013

conference held at J N Tata Auditorium,

Indian Institute of Science, Bangalore 560 012

during 16-20 December 2013

S B KRUPANIDHI
Chair, IUMRS-ICA 2013