



MRSI Newsletter

*A quarterly publication of the Materials Research Society of India
for circulation amongst its members*

Volume B 06, Number 4

October 2006

From the Editors' Desk



The year 2007 is going to be an important year for MRSI. In addition to the Annual General Meeting which will be held in New Delhi, MRSI will also be hosting a mega event, IUMRS-ICAM 2007 at Bangalore. This issue of the Newsletter contains information about both the events. We request all the members of MRSI to involve themselves actively in these events.

With this issue, the Newsletter in its present form will be completing six years. During these years, it has served the purpose of providing a line of communication to the members, but the response from the members has been less than enthusiastic. We urge our members to let us know how we could improve this newsletter as an interactive platform.



H L Bhat
R V Krishnan
T G Ramesh
Editors

For more details about the activities of MRSI, members are advised to visit the society's website at

www.igcar.ernet.in/mrsi

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MRSI NEWSLETTER

Volume B 06, Number 4

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The MRSI Newsletter is a quarterly update published by the Materials Research Society of India. Members are requested to contribute information of interest to Materials Science community. Members can inform through the Newsletter, recognitions/awards received by them, changes in address, forthcoming events, and any interesting scientific/technological developments in the area of materials. The relevant information should be sent to the following address:

Editors

MRSI Newsletter

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Awards & Distinctions Conferred on Members



We are happy to report that the following members of Materials Research Society of India have received awards and distinctions shown against their names. MRSI congratulates them.

Baldev Raj	Fellow, Academy of Sciences for the Developing World (TWAS)
Singh R P	U.P. Ratna (Jewel of Uttar Pradesh) Award, Lucknow by All India Conference of Intellectuals
Raja Gopal E S	Life Time Achievement Medal-2005, Biotech Research Society of India
National Aerospace Laboratories :	1 st IETE Corporate Award - 2006

P.S: Members are requested to communicate to the Editorial office about the Awards, Honours and Distinctions they have received from various agencies

NOTIFICATION

Many members expressed the opinion during the 17th AGM of MRSI that the distribution of hard copies of Bulletin of Materials Science to MRSI members be discontinued. It has been decided to follow this suggestion. In case any member wishes to receive the hard copy, he / she should write to MRSI Office with a specific request before **31st December, 2006.**

MRSI Awards for 2007

The MRSI awards and Prizes for the year 2007 have been announced. The awardees will deliver lectures at the 18th AGM of MRSI to be held at New Delhi during February 12-14, 2007.

Distinguished Materials Scientist of the Year Award	: Dr. V K Aatre, Hon. Professor, ECE, IISc, Bangalore and Former SA to RM
MRSI-ICSC Superconductivity & Materials Science Annual Prize	: Prof. M K Surappa, IISc, Bangalore Dr. C S Sundar, IGCAR, Kalpakkam
Distinguished Lecturership Award	: Dr. A K Singh, NAL, Bangalore
MRSI Medal Awardees:	

Dr. Ajaya Ghosh A, RRL, Thiruvananthapuram
Dr. Ashim Kumar Mukhopadhyay, DMRL, Hyderabad
Dr. Ashok M Raichur, IISc, Bangalore
Dr. Basu R N, CGCRI, Kolkata
Dr. Chacko Jacob, IIT, Kharagpur
Dr. Chandrabhas N, JNCASR, Bangalore
Dr. Parthasarathy G, NGRI, Hyderabad
Dr. Pathak L C, NML, Jamshedpur
Prof. Ranganathan R, SINP, Kolkata
Dr. Subrata Chatterjee, Bengal Engg & Sci Univ, Howrah
Dr. Sujeet Chaudhary, IIT, New Delhi



IUMRS-ICAM 2007

10th International Conference on Advanced Materials
8-13, October, 2007, Bangalore, India
Venue: HOTEL GRAND ASHOK



As you are aware MRSI will be organizing the IUMRS-ICAM 2007 in Bangalore, India during October 8-13, 2007. The list of symposia with details of chair and co-chairs are given below. The programme will consist of (i) Plenary Lectures (ii) Invited Lectures (iii) Oral Presentations (iv) Poster Presentations and (v) Public Lectures. It will be a five day conference with more than ten parallel sessions. For further details refer to website www.icam2007.com

Theme symposia	Chair / Co-chair
(A) Intelligent Materials	AR Upadhya, NAL, Bangalore, Email: director@css.cmmacs.ernet.in / S Mohan, TG Ramesh, AP Malshe, C Boller, H. Asanuma, J Narayana Das
(B) MEMS	Rudra Pratap, IISc, Bangalore, Email: pratap@mecheng.iisc.ernet.in / KN Bhat, B Darling, K Natarajan, P Ryser,
(C) Functional Materials	Dhananjai Pandey, BHU, Varanasi, Email: dpandey@bhu.ac.in / R Friend, H Ishiwara, D Kumar, KBR Varma, U Waghmare
(D) Self Assembly & Nanomaterials	S Bhattacharya, IISc, Bangalore, Email: sb@orgchem.iisc.ernet.in / GU Kulkarni, P Ayyub
(E) Magnetic & Spintronics Materials	KVS Rama Rao, IIT-Madras, Chennai, Email: kvs@iitm.ac.in / PS Anil Kumar, G Markandeyulu, VG Harris, I Felner
(F) Semiconductors for Opto-electronics	V Kumar, NPL, New Delhi, Email: vkmr@mail.nplindia.ernet.in / BM Arora, KSRK Rao, P Dutta, H Hasegawa
(G) Materials for Biomedical Applications	M Jayabalan, SCTIMST, Thiruvananthapuram, Email: jayabalan@sctimst.ac.in / muthujayabalan@rediffmail.com BR Ratner, E Piskin, PR Apte, GV Shivashankar, Y Tabata
(H) Soft Condensed Matter	A K Sood, IISc, Bangalore, Email: asood@physics.iisc.ernet.in / DA Weitz, A Yodh, J Raedler, M Rao
(I) Polymer Materials	A Misra, IIT-Bombay, Mumbai, Email: amisra@iitb.ac.in / S Ramakrishnan, R Menon, S Sivaram, P Lemstra, M Tirrell, A Windle
(J) Sensor Materials	Kamal Singh, Amaravati University, Amaravati, Email: kamalsingh48@indiatimes.com / PS Devi, AR Raju, HL Tuller, E Traversa, J Maier, P Gouma
(K) Photonic/Active Organic Materials	K S Narayan, JNCASR, Bangalore, Email: narayan@jncasr.ac.in / VPN Nampoori
(L) Multilayered Materials	MK Sanyal, SINP, Kolkata, Email: milan@lotus.saha.ernet.in / SD Bader, Y Iye, H Dosch, RK Budhani, JK Basu
(M) Hybrid Materials	R Murugavel, IIT-Bombay, Mumbai, Email: rmv@iitb.ac.in JV Yakhmi, BARC, Mumbai, Email: yakhmi@magnum.barc.ernet.in / PK Bharadwaj, J Gopalakrishnan, C Sanchez, TD Tilley, MJ Rosseinsky, M Fujita
(N) Energy Materials	KT Jacob, IISc, Bangalore, Email: katob@met.iisc.ernet.in / AK Shukla, AK Barua, ON Srivastava, SC Singhal, J Mizusaki, M Gratzel, J Nozik, GJ Meye

(O) Composite Materials	MK Surappa, IISc, Bangalore, Email: mirle@met.iisc.ernet.in / <i>YR Mahajan, MK Sridhar, E Lavernia, A Mortensen</i>
(P) High Performance Structural Materials	Baldev Raj, IGCAR, Kalpakkam, Email: dir@igcar.gov.in / <i>S Banerjee, D Banerjee, G Sundararajan, G Malakondaiah, LM Manocha, S Karthikeyan</i>
(Q) Computational Materials Science	GP Das, IACS, Kolkata, Email: msgpd@mahendra.iacs.res.in / <i>G Ananthakrishna, S Balasubramanian, P Bloechl, S Datta, L Kubin, V Kumar, S Narasimhan</i>
(R) Materials for Catalysis	B Viswanathan, IIT-Madras, Chennai, Email: bvnathan@iitm.ac.in / <i>Rajiv Kumar, S Natarajan, S Narayanan</i>
(S) Characterization of Materials	P Chaddah, CSR, Indore, Email: chaddah@csr.ernet.in / <i>A K Raychaudhuri, G Solórzano, I Samajdar, L Cohen, S Das, V S Raghunathan, V K Pecharsky</i>
(T) Microscopy of Materials	K Chattopadhyay, IISc, Bangalore, Email: kamanio@met.iisc.ernet.in
(U) Materials Synthesis-Novel Approaches	K Byrappa, Univ.of Mysore, Mysore, Email: byrappak@yahoo.com / <i>M Yoshimura</i>
(V) Nanodevices	SB Krupanidhi, IISc, Bangalore, Email: sbk@mrc.iisc.ernet.in / <i>N Bhat, V Venkataraman</i>
(W) Materials Education	P Ramachandra Rao, IAT, Pune Email: pramachandra_rao@yahoo.com / <i>P Rama Rao, Subra Suresh</i>

MRSI-AGM 2007

The 18th AGM of MRSI is being held at National Physical Laboratory, New Delhi, during February 12-14, 2007. The AGM would include Medal Lectures, MRSI Honour Lectures and MRSI-ICSC Award Lectures along with the contributed poster papers covering the latest work of materials science community of the country. MRSI-AGM would also include a theme symposium on ***Materials for energy generation, conservation and storage***. The aim of MRSI-AGM will be to take stock of the latest developments in the field of materials worldwide and within the country as well and to formulate guidelines for further research and development in the country.

The first announcement of the 18th AGM has been released. Members of MRSI and other scientists/technologists/students are encouraged to send abstracts of contributed papers to: The 18th MRSI AGM Secretariat, Division of Engineering Materials, National Physical Laboratory, Dr. K S Krishnan Marg, New Delhi 110 012, Tel: 011-25726981, Fax: 011-25726938, Email: agm_mrsi2007@mail.nplindia.ernet.in. The last date for the receipt of abstracts is **30th November, 2006**.

NEWS

NANOTECHNOLOGY COLLABORATION BETWEEN EUROPE AND INDIA

The EuroIndia project announces the launch of its website at www.euroindianet.info. EuroIndiaNet is designed to promote stronger collaboration between EU and Indian scientists and industrialists in the nanotechnologies and nanosciences. The project, coordinated by Sociedade Portuguesa de Inovacao (SPI), began in April and is funded by the European Commission's 6th Framework Programme under the International Cooperation priority.

The website is the focus point for information about the project and a means of establishing and strengthening EU-India collaboration in nanotechnology. For example, it contains information about the various project's events.

In addition to the project's events, the project's Message Forum provides another opportunity for discussing and developing collaborations. Other website features include useful links for those wanting to explore opportunities for research collaboration in nanotechnology in the EU and India.

The project is being conducted by a number of highly prestigious institutions in addition to the coordinator SPI, Portugal including: the Institute of Nanotechnology, UK; Maisch Techno Valuation, The Netherlands; the Indian Institute of Science, Bangalore, India; the Science and Technology Park Pune, India; the Indian Institute of Technology, Bombay, India and the University of Delhi-South Campus, India.

New Members

Enrolled between July 1 and September 30, 2006

Life Members

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Email: ajit@jains.com

CALENDAR OF EVENTS

(NOV 2006-OCT 2007)

November 24-25, 2006, Fifth ISAMPE National conference on Composites (INCCOM-5), Theme: Challenges in Composites, G Balasubrahmanyam, Co-Chairman, Organizing Committee, INCCOM-5, Advanced Systems Laboratory, Kanchanbagh, Hyderabad 500 058, Tel : 040-24340974/24340021 Ext. 3684, Fax: 040-24340974, Email: inccom5@gmail.com

December 5-6, 2006, National Seminar on Non-Destructive Evaluation, NDE-2006, Dr. T Jayakumar, Head, NDE Division, Indira Gandhi Centre for Atomic Research, Kalpakkam 603 102, Tel: 044-27480232, Email: tjk@igcar.gov.in, Prof. Krishnan Balasubramaniam, Dept. of Mechanical Engineering, IIT-Madras, Chennai 600 036, Tel: 22564662, Email: balas@iit.ac.in, Shri. Jaiteerth R Joshi, Project Manager, DRDL, Kanchanbagh, Hyderabad 500 058, Tel: 040-24584081, Email: tutorials@nde2006.com

December 18-22, 2006, XIV National Seminar on Ferroelectrics & Dielectrics (NSFD XIV-2006) and Workshop on Advances in Multifunctional Materials, Prof. B K Mathur, Chairman, Prof. RNP Choudhury, Convener. For correspondence contact: Dr. A K Thakur, Secretary, Department of Physics & Meteorology, Indian Institute of Technology, Kharagpur 721 302, Tel: 03222-283834, 283835, Fax: 03222-255303, Email: akt@phy.iitkgp.ernet.in

December, 21-22, 2006, National Conference on Sensors and Actuators : Emerging Technological Challenges, (NCSA-06), Dr. A. Sen, Convener and Dr. P Sujatha Devi, Joint Convener, NCSA-06, Sensor & Actuator Section, Central Glass and Ceramic Research Institute, Jadavpur, Kolkata 700 032, Tel. (033)2473-3496/69/76/77, Extn. 3449 / 3487 Fax (033)2473-0957, E-mail: asen@cgcri.res.in, psujathadevi@cgcri.res.in, website: <http://www.cgcri.res.in/NCSA-06>

January 12-16, 2007, Workshop on Bulk Metallic Glasses : Science and Technology, Prof. S Ranganathan, Department of Metallurgy, Indian Institute of Science, Bangalore 560 012, Tel: 080-23601198/22932558, Fax: 080-23601198, Email: bmg2007@met.iisc.ernet.in

February 5-9, 2007, A Workshop on Mechanical Behaviour of Systems at Small Length Scales, Prof. V. Jayaram, Department of Metallurgy, Indian Institute of Science, Bangalore - 560 012, Phone: (91)-80-2293 3243, Fax: (91) - 80-23601198, Email: qjayaram@met.iisc.ernet.in, workshop@met.iisc.ernet.in

July 1-6, 2007, International Conference on Materials for Advanced Technologies (ICMAT 2007), ICMAT Secretariat, Materials Research Society of Singapore, c/o Institute of Materials Research & Engineering, 3, Research Link, Singapore 117 602, Tel: (65) 6874 1975, (65) 6778 1036, Fax: (65) 6777 2393, Email: icmat@mrs.org.sg

October 8-13, 2007, International Conference on Advanced Materials (ICAM 2007), Prof. S B Krupanidhi, Conference Chair, IUMRS-ICAM Secretariat, Materials Research Society of India, Indian Institute of Science, Bangalore 560 012, Tel: 080-22932882, 55334302, Fax: 080-23602028, Email: secretariat@icam2007.com, Website: www.icam2007.com

Members are requested to give information about the conferences/symposia/workshops they are organizing well in advance so that the same can be inserted in the "calendar of events"

Patron Membership

Professional Societies, Research bodies, Laboratories and Companies willing to support activities of MRSI (through a one-time contribution of Rs. 50,000/-) are enrolled as Patron members by the Council of the MRSI.

Privileges of Patron Members

Publication of their names in MRSI Newsletter

Free supply of all periodicals published by MRSI such as:

- Bulletin of Materials Science
- MRSI Newsletter / MRSI Update

Symposium proceedings at Prices applicable to members

Display of Company Literature free of charge at MRSI meetings

Discounts on advertisements in Newsletter

Advance notification of programmes and events

Free employment Advertisements in the MRSI Newsletter

Registration of 2 company representatives in each society meeting at member registration rates.

*We appeal to all organizations / laboratories / companies involved in the R&D / Educational activities of Materials Science and Technology to become Patron members. **Request for Patron membership may be made to:***

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