



MRSI Newsletter

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

Volume B 07, Number 3

July 2007

From the Editors' Desk



It is heartening to note that the response to IUMRS-ICAM 2007 is overwhelming. More than one thousand abstracts have been received and are being evaluated by the respective theme symposia committees. The current status on the technical content of the conference is included in this issue for the benefit of the members. Members are advised to make arrangements for their participation at the earliest in view of the large attendance expected.

Just as a reminder: the next Annual General Meeting of MRSI is to be held in Thiruvananthapuram during February 2008. Details will be available in the very near future.

It is worth noting that the Prime Minister recently indicated revamping of the university system with the intention of establishing world-class universities in the country. The earlier this materializes, the better it is for our country's comprehensive progress.



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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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.

CNR Rao	(i) Honorary Doctorate of Oxford University (ii) INSA Medal for promotion and service to science, 2006 (iii) National Research Professorship, Government of India (2006) (iv) Honorary Fellowship, Institute of Physics, London (2006)
NK Mukhopadhyay	Metallurgist of the year award 2006-Ministry of Steel, Govt. of India
VS Arunachalam	INSA Brahm Prakash Memorial Award, 2007
G. Parthasarathy	Andhra Pradesh Scientist Award in Physical Sciences, 2007

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

STUDENTS' PROJECTS

MRSI will partially support upto 10 projects of students (B.Tech, M.Sc, M.Tech, ME, Ph.D) in the area of Materials Science and Technology under the supervision of a MRSI member. Proposals are invited before September 30th 2007.

NOTIFICATION

Nominations for the MRSI Awards/Prizes and Medals for the year 2008

Nominations are invited from the **Members of the Council of MRSI** for the following:

- i. Distinguished Materials Scientist of the year award (1)
- ii. MRSI-ICSC Superconductivity & Materials Science Annual Prizes (2)
- iii. MRSI-ICSC Superconductivity & Materials Science Senior Award (1)
- iv. MRSI Medal Lecture Awards
- v. Election of Distinguished scientists from abroad for Honorary Membership of MRSI

The last date for the receipt of nominations at Bangalore office of MRSI is **July 31, 2007**.

Obituaries

Professor M A Fortes

The Materials Research Society of India regrets to announce the death of its Honorary Member, Professor Manuel Amaral Fortes on April 24, 2007. He was born in Lisbon in 1938 He obtained his degree in Engineering Chemistry in 1961 and his Ph D in Metallurgy from the University of Cambridge in 1968. He had a distinguished career in the Department of Engineering Materials at the Superior Technical Institute in Lisbon, where he rose to become Institute Professor. His early work on field-ion microscopy of iridium, uranium oxide and interfaces was seminal. He made many elegant contributions to the geometry of coincidence site lattices. He is best known for his work on cork- a cellular material of great significance for Portugal. His work on foam, shape of grains and coarsening advanced the field in an outstanding fashion. Manuel had strong interaction with the Indian scientific community both by his visit to India and his hospitality to Indians in scientific events in Portugal.

S Ranganathan

Professor P G de Gennes

The Materials Research Society of India regrets to announce the death of one of its Honorary Members, **Prof. Pierre-Gilles de Gennes, NL**. A short note of Prof. de Gennes's contributions to materials science will be published in the next issue of the Newsletter.



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 programme will consist of (i) Plenary Lectures (ii) Invited Lectures (iii) Oral Presentations (iv) Poster Presentations and (v) Public Lectures. It will be a six day conference with more than ten parallel sessions. We are giving below the tentative list of invited speakers of the various theme symposia. For further details refer to website www.icam2007.com

Plenary Lectures (Tentative)

Alivisatos A P, University of California, Berkeley, USA
Rao C N R, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India
Fichou D, CEA-Saclay, Yvette, France
Wudl F, University of California, Los Angeles, USA
Livage J, University at Pierre et Mari Curie, Paris, France
Parrinello M, Max Planck Institute, Stuttgart, Germany
Friend R H, University of Cambridge, Cambridge, UK
Kishi T, University of Tokyo, Tokyo, Japan

Theme symposia	Total No. of abstracts Received (Tentative)	Chair / Co-chairs /List of Invited Speakers
(A) Intelligent Materials	20	<p>Chair AR Upadhya, NAL, Bangalore, Email: director@css.cmmacs.ernet.in /</p> <p>Co-chairs S Mohan, TG Ramesh, AP Malshe, C Boller, H. Asanuma, J Narayana Das</p> <p>Invited Speakers (Tentative) Asanuma H, Chiba University, Japan Bergbreiter, Texas A&M University, Texas, USA Bhaumik Subir Kumar, National Aerospace Laboratories, Bangalore, India Boller Christian, University of Sheffield, Sheffield, U K Das Narayana J, Naval Materials Research Laboratory, Ambarnath, India Mukherjee Binu K, Royal Military College of Canada, Ontario, Canada Jan Van Humbeeck, Katholieke Universiteit Leuven, Belgium</p>
(B) MEMS	32	<p>Chair Rudra Pratap, IISc, Bangalore, Email: pratap@mecheng.iisc.ernet.in /</p> <p>Co-chairs <i>KN Bhat, B Darling, K Natarajan, P Ryser,</i></p> <p>Invited Speakers (Tentative) Ananthasuresh G K, Indian Institute of Science, Bangalore, India Bhat Navakanta, Indian Institute of Science, Bangalore, India Bhattacharya Enakshi, Indian Institute of Technology Madras, Chennai, India Chakraborty Suman, Indian Institute of Technology, Kharagpur, India Chandra Sudhir, Indian Institute of Technology, Delhi, New Delhi, India Chollet Franck, School of Mechanical and Aerospace Engineering, Singapore Darling R Bruce, University of Washington, Seattle, USA Francis Eng Hock Tay, National University of Singapore, Singapore Ishida Makoto, Tempaku-cho, Toyohashi 441-8580, Japan Kumar Ashok, University of South Florida, Florida, USA Nieva Patricia M, University of Waterloo, Canada Rao V Ramgopal, Indian Institute of Technology - Bombay, Powai, Mumbai, India Ryser Peter, Ecole Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland Srinivas Tadigadapa, Penn State University, PA, USA</p>

<p>(C) Functional Materials</p>	<p>74</p>	<p>Chair Dhananjai Pandey, BHU, Varanasi, Email: dpandey@bhu.ac.in / Co-chairs <i>R Friend, H Ishiwara, D Kumar, KBR Varma, U Waghmare</i></p> <p>Invited Speakers (Tentative) Barman S. R., UGC-DAE Centre for Scientific Research, Indore, India Chaplot S L, Bhabha Atomic Research Institute, Mumbai, India Fuess H, University of Darmstadt, Germany Gupta Arunava, University of Alabama, Alabama, USA Ishiwara Hiroshi, Tokyo Institute of Technology, Tokyo, Japan Kaneto Keiichi, Kyushu Institute of Technology, Japan Kiat J M, CEA-CNRS, Saclay, France Kreisel Jens, Laboratoire des Matériaux et du Génie Physique, France Malhotra B D, National Physical Laboratory, New Delhi, India Noda Yukio, Tohoku University, Sendai, Japan Pennycook Stephen J, Oak Ridge National Lab, USA Ranganathan R, Saha Institute for Nuclear Physics, Kolkata, India Sampathkumaran E. V, Tata Institute of Fundamental Research, Mumbai, India Singh A. K, Banaras Hindu University, Varanasi 221 005, India Thompson James R, Oak Ridge National Laboratory, USA</p>
<p>(D) Self Assembly & Nanomaterials</p>	<p>41</p>	<p>Chair S Bhattacharya, IISc, Bangalore, Email: sb@orgchem.iisc.ernet.in / Co-chairs <i>GU Kulkarni, P Ayyub</i></p> <p>Invited Speakers (Tentative) Ganesh K. N., Indian Institute of Science Education & Research, Pune, India Sagiv Jacob, Weizmann Institute of Science, Israel Brust Mathias, The University of Liverpool, Liverpool, UK Scrimin Paolo, Università di Padova, Via Marzolo, Padova, Italy Dumy Pascal, University of Grenoble, Grenoble, France Maurizio Prato, Università di Trieste, Italy Sorba Lucia, NEST-CNR-INFM Scuola Normale Superiore, Pisa, Italy Valiyaveetil Suresh, National University of Singapore, Singapore</p>
<p>(E) Magnetic & Spintronic Materials</p>	<p>88</p>	<p>Chair KVS Rama Rao, IIT-Madras, Chennai, Email: kvs@iitm.ac.in / Co-chairs <i>PS Anil Kumar, G Markandeyulu, VG Harris, I Felner</i></p> <p>Invited Speakers (Tentative) Felner Israel, The Hebrew University, Jerusalem, Israel Harris Vincent G, Northeastern University, Boston, USA Kirschner J, Max-Planck-Institut für Mikrostrukturphysik, Germany Krishnan Kannan M, University of Washington, Seattle, USA Seshubai V, University Of Hyderabad, Hyderabad, India Srikanth Hariharan, University of South Florida, Florida, USA Wilde Gerhard, Forschungszentrum Karlsruhe, Karlsruhe, Germany Yusuf S M, Bhabha Atomic Research Centre, Mumbai, India</p>
<p>(F) Semiconductors for Opto-electronics</p>	<p>46</p>	<p>Chair V Kumar, NPL, New Delhi, Email: vkmr@mail.nplindia.ernet.in / Co-chairs <i>B Dev, BM Arora, H Hasegawa, P Dutta, S Ashok</i></p> <p>Invited Speakers (Tentative) Arora B M, Tata Institute of Fundamental Research, Mumbai, India Ashok S, Pennsylvania State University, USA Wetzel, Rensselaer Polytechnic Institute, USA</p>

		<p>Dhanaraj G, SUNY, Stony Brook, USA Dutta Partha, Rensselaer Polytechnic Institute, USA Jong Kyu Kim, Rensselaer Polytechnic Institute, USA Patlibandla Nag, Rensselaer Polytechnic Institute, USA Robinson Pino, IBM, USA Sandip Ghosh, Tata Institute of Fundamental Research, Mumbai, India Shekhar Guha, Wright-Patterson Air Force Base, Dayton, USA Subhananda Chakraborty, University of Glasgow, UK Takao Yonehara, Leading-Edge Technology Development Headquarters, Japan</p>
(G) Materials for Biomedical Applications	76	<p>Chair M Jayabalan, SCTIMST, Thiruvananthapuram, Email: jayabalan@sctimst.ac.in / muthujayabalan@rediffmail.com/ Co-chairs <i>BR Ratner, E Piskin, PR Apte, GV Shivashankar, Y Tabata</i></p> <p>Invited Speakers (Tentative) Adhikari B, Indian Institute of Technology, Kharagpur, India Bandyopadhyay Amit, Washington State University, USA Bhantia Ajit K, Indian Institute of Technology, Kharagpur, India Bhuvaneshwar G S, Sree Chitra Tirunal Institute for Med. Sci. & Tech., Trivandrum. Catledge Shane Aaron, University of Alabama at Birmingham (UAB), USA Dhal Pradeep K, Drug and Biomaterial R&D, Genzyme Corporation, USA Ekinci Yeom, Suleyman Demirel University, Turkey Epple Matthias, University of Duisburg-Essen, Germany. Guha S K, Indian Institute of Technology, Kharagpur, India Jayabalan M, Sree Chitra Tirunal Institute for Med. Sci. & Tech., Trivandrum, India Jayakrishnan A, Indian Institute of Technology, Chennai, India Kumar Ashok, Indian Institute of Technology, Kanpur, India Mohanty Mira, Sree Chitra Tirunal Institute for Med. Sci. & Tech., Trivandrum, India Piskin Erhan, Hacettepe University, Ankara, Turkey Ramshaw John AM, Royal Parade Parkville, Victoria, Australia Ratner Buddy D, University of Washington, Seattle, USA Ray Alok R, Indian Institute of Technology, New Delhi, India Sharma C P, Sree Chitra Tirunal Institute for Med. Sci. & Tech., Trivandrum, India Teoh Swee-Hin, National University of Singapore, Singapore Valiathan Ashima, Manipal Academy of Sciences, Manipal, India Vohra Yogesh K, University of Alabama at Birmingham (UAB), USA Yasuhiko Tabata, Kyoto University, Kyoto, Japan</p>
(H) Soft Condensed Matter	20	<p>Chair A K Sood, IISc, Bangalore, Email: asood@physics.iisc.ernet.in / Co-chairs <i>DA Weitz, A Yodh, J Raedler, M Rao</i></p> <p>Invited Speakers (Tentative) Bibette Jérôme, Laboratoire Colloïdes et Matériaux divisés, Paris, France Cohen Itai, Cornell University, New York, USA Raedler Jaachins, Ludwig-Maximilians-Universität, Germany Raghunathan V A, Raman Research Institute, Bangalore, India Ramaswamy Sriram, Indian Institute of Science, Bangalore, India Tata BVR, Indira Gandhi Centre for Atomic Research, Kalpakkam, India Weitz David A, Harvard University, Cambridge, USA</p>
(I) Polymer Materials	42	<p>Chair A Misra, IIT-Bombay, Mumbai, Email: amisra@iitb.ac.in / Co-chairs <i>S Ramakrishnan, R Menon, S Sivaram, P Lemstra, M Tirrell, A Windle</i></p> <p>Invited Speakers (Tentative) Angell C.A., Arizona State University, Arizona, USA Balazs Anna, University of Pittsburgh, Pittsburgh, USA</p>

		<p>Bhattacharya Sati, School of Civil, Environmental & Chemical Engineering, Melbourne, Australia</p> <p>Broer Dirk, Eindhoven University of Technology, Eindhoven, The Netherlands</p> <p>Crawford Gregory, Brown University, USA</p> <p>Heeger A, University of California, Santa Barbara, USA</p> <p>Hubbell Jeff, Laboratory for Regenerative Medicine & Pharmacobiology, Lausanne, Switzerland</p> <p>Janssen R.A.J., Eindhoven University of Technology, Eindhoven, The Netherlands</p> <p>Torkelson John, Northwestern University, Illinois, USA</p> <p>Langer Robert, Massachusetts Institute of Technology, Massachusetts, USA</p> <p>Macosko C.W, University of Minnesota, Minneapolis, USA</p> <p>Sivaram S, National Chemical Laboratory, Pune, India</p> <p>Meijer Han, University of Technology, Eindhoven, The Netherlands</p> <p>Windle Alan, Trinity College, Cambridge, UK</p> <p>Moore Jeff, University of Illinois, Illinois, USA</p> <p>Muthukumar M, University of Massachusetts, Massachusetts, USA</p> <p>Rastogi Sanjay, Eindhoven University of Technology, Eindhoven, The Netherlands</p> <p>Misra Ashok, Indian Institute of Technology, Bombay, Mumbai, India</p>
(J) Sensor Materials	54	<p>Chair Kamal Singh, Amaravati University, Amaravati, Email: kamalsingh48@indiatimes.com /</p> <p>Co-chairs <i>PS Devi, AR Raju, HL Tuller, E Traversa, J Maier, P Gouma, BG Muller</i></p> <p>Invited Speakers (Tentative) Gouma P, Center for Nanomaterials and Sensor Development, New York, USA Kale Girish, University of Leeds, Leeds, UK Kumar Vasant, University of Cambridge, UK Li Genxi, Nanjing University, Nanjing, China Muller B. G, Corporate Research Centre, Munich, Germany Pillai Vijayamohanan K, National Chemical Laboratory (NCL), Pune, India Radecki JERZY, Polish Academy of Sciences, Poland Sen A, Central Glass & Ceramic Research Institute, Kolkata, India Shimano Kengo, Kyushu University, Fukuoka, Japan Thakur M. S, Central Food Technology Research Institute, Mysore, India Yamazoe Noboru, Kyushu University, Fukuoka, Japan</p>
(K) Photonic Materials/ Active Organic Materials	34	<p>Chair K S Narayan, JNCASR, Bangalore, Email: narayan@jncasr.ac.in /</p> <p>Co-chairs <i>J Zyss, VPN Nampoore</i></p> <p>Invited Speakers (Tentative) Chandrabhas Narayana, JNCASR, Bangalore, India Das Suresh, Regional Research Laboratory, Trivandrum, India Deepak Gupta, IIT - Kanpur, India Fang Nicholas X, University of Illinois at Urbana-Champaign, Illinois, USA Ghosh Subhasis, J N University, New Delhi, India Joshi Mukesh, CAT, Indore, India Pal Amlan J, Indian Association for the Cultivation of Science, Kolkata, India Radhakrishnan T.P, University of Hyderabad, Hyderabad, India Scherf Ullrich, Bergische Universität Wuppertal, Wuppertal, Germany Venkataraman D, University of Massachusetts, Amherst, USA</p>

		<p>Vijaya R, Indian Institute of Technology, Bombay, Mumbai, India Zyss Joseph, Laboratoire de Photonique Quantique et Moléculaire, France</p>
<p>(L) Multilayered Materials</p>	<p>31</p>	<p>Chair MK Sanyal, SINP, Kolkata, Email: milan@lotus.saha.ernet.in /</p> <p>Co-chairs <i>SD Bader, Y Iye, H Dosch, RK Budhani, JK Basu</i></p> <p>Overview Talks (Tentative) Bader Samuel D, Argonne National Laboratory, Argonne, USA Dosch Helmut, Max Planck Institut for Metals Research, Stuttgart, Germany Jagadeesh S M, Massachusetts Institute of Technology, Massachusetts, USA Yasuhiro Iye, University of Tokyo, Tokyo, Japan Schuller Ivan, University California, California, USA Sinha Sunil, University of California, California, USA Thomas Robert, Oxford University, Oxford, UK Zabel Hartmut, Ruhr-Universität, Bochum, Germany</p> <p>Invited Speakers (Tentative) Bhattacharya Anand, Argonne National Laboratory, Argonne, Illinois, USA Budhani Ramesh, Indian Institute of Technology, Kanpur, India Chakraborty Purushottam, Pretoria University, South Africa Chandrasekhar Venkat, Northwestern University, Illinois, USA Dev Bhupendra N, Indian Association for the Cultivation of Science, Kolkata, India Fullerton Eric, University of California, California, USA Gibaud Alain, Université du Maine, France Lodha G S, Raja Ramanna Centre for Advanced Technology, Indore, India Maekawa Sadamichi, Tohoku University, Sendai, Japan Mizuki Junichiro, Japan Atomic Energy Agency, Hyogo, Japan Mrinmay Mukhopadhyay, Advanced Photon Source, Argonne, Illinois, USA Penfold J., Rutherford Appleton Laboratory, Oxford, UK Sean Langridge, Rutherford Appleton Laboratory, Oxford, UK Takeyama S., University of Tokyo, Chiba, Japan Yakhmi J V, Bhabha Atomic Research Centre, Mumbai, India</p>
<p>(M) Hybrid Materials</p>	<p>16</p>	<p>Chairs R Murugavel, IIT-Bombay, Mumbai, Email: rmv@iitb.ac.in / JV Yakhmi, BARC, Mumbai, Email: yakhmi@magnum.barc.ernet.in /</p> <p>Co-chairs <i>PK Bharadwaj, J Gopalakrishnan, C Sanchez, TD Tilley, MJ Rosseinsky, M Fujita</i></p> <p>Invited Speakers (Tentative) Attfield Martin, The University of Manchester, Manchester, UK Bein Thomas, University of Munich, Munich, Germany Bergaya Faiza, Centre de Recherche de le Matiere Divisee, France Bharadwaj P. K., Indian Institute of Technology, Kanpur, India Chandrasekhar V., Indian Institute of Technology, Kanpur, India Coradin Thibaud, Université Pierre et Marie Curie, Paris, France De Amitabha, Saha Institute of Nuclear Physics, Kolkata, India Fujita Makoto, The University of Tokyo, Tokyo, Japan Kniep R., Max-Planck-Institut für Chemische Physik fester Stoffe, Dresden, Germany Miralles E. Coronado, Universidad de Valencia, Paterna, Spain Mitzi David B., IBM T. J. Watson Research Center, New York, USA Murugavel R., Indian Institute of Technology-Bombay, Mumbai, India Natarajan S., Indian Institute of Science, Bangalore, India Ouahab Lahcène, CNRS-Université de Rennes, France Ramanan A., Indian Institute of Technology-Delhi, New Delhi, India</p>

		<p>Rosseinsky M J, The University of Liverpool, Liverpool, UK Vasudevan S., Indian Institute of Science, Bangalore, India Vidyasagar K., Indian Institute of Technology-Madras, Chennai, India Vioux Andre, Université Montpellier, Montpellier, France</p>
<p>(N) Energy Materials</p>	<p>38</p>	<p>Chair KT Jacob, IISc, Bangalore, Email: katob@met.iisc.ernet.in / Co-chairs <i>AK Shukla, AK Barua, ON Srivastava, SC Singhal, J Mizusaki, M Gratzel, J Nozik, GJ Meyer</i></p> <p>Invited Speakers (Tentative) Barua Asok K, Indian Association for the Cultivation of Science, Kolkata India Craig Arnold H, Princeton University, Princeton, USA Ghosh D, National Research Council, Vancouver, Canada Griitzel Michael, Ecole polytechnique federale de Lausanne, Lausanne. Switzerland Hermann Allen M, University of Colorado at Boulder, Boulder, USA Irvine T. S, University of St Andrews, St. Andrews, UK Mizusaki I, Tohoku University, Sendai, Japan Nae-Lih Wu, National Taiwan University, Taipei, Taiwan Nozik Arthur J, University of Colorado at Boulder, Boulder, USA Pal U. B, Boston University, Boston, USA Petric A, McMaster University, Ontario, Canada Savadoغو Oumarou, Polytechnique Montreal, Montreal, Canada Sebastian P. J, Energy Research Center-Temixco, Mexico Shukla A. K, Central Electrochemical Research Institute, Karaikudi, India Singh Prabhakar, Pacific Northwest National Laboratory, USA Singhal Subash C, Fuel Cells Pacific Northwest National Laboratory, USA Srivastava O. N, Banaras Hindu University, Varanasi, India Tarascon Jean-Marie, Universite de Picardie Jules, France Virkar A. V, University of Utah, Utah, USA</p>
<p>(O) Composite Materials</p>	<p>61</p>	<p>Chair MK Surappa, IISc, Bangalore, Email: mirle@met.iisc.ernet.in / Co-chairs <i>YR Mahajan, MK Sridhar, E Lavernia, A Mortensen</i></p> <p>Invited Speakers (Tentative) Aghion Eli, Ben-Gurion University, Israel Clyne T.W, Gordon Laboratory, Cambridge, UK Dhindaw. B.K, Indian Institute of Technology, Kharagpur, India Gupta Nikhil, Polytechnic University, New York, USA Mahajan Y R, ARC – International, Hyderabad, India Pai B. C, Regional Research Laboratory, Thiruvananthapuram, India Ray Subrata, Indian Institute of Technology, Roorkee, India Rohatgi Pradeep K, University of Wisconsin, Milwaukee, USA Shivakumar Kunigal N, North Carolina A&T State University, North Carolina, USA Sugamata Makoto, Nihon University, Chiba, Japan Tjong S. C, City University of Hong Kong, Kowloon, Hong Kong Toda Hiroyuki, Toyohashi University of Technology, Toyohashi, Japan Yoshikawa Noboru, Tohoku University, Sendai, Japan</p>
<p>(P) High Performance Structural Materials</p>	<p>37</p>	<p>Chair Baldev Raj, IGCAR, Kalpakkam, Email: dir@igcar.gov.in / Co-chairs <i>S Banerjee, D Banerjee, RL Klueh, G Sundararajan, G Malakondaiah, A Alamo, LM Manocha, S Karthikeyan</i></p>

		<p>Invited Speakers (Tentative) Alamo Ala, Nuclear Energy Division, Yvette, France Barbu Alian, Service do Recherche do Metallurgic Physique, Yvette, France Baldev Raj, Indira Gandhi Centre for Atomic Research, Kalpakkam, India Banerjee S, Bhabha Atomic Research Centre, Mumbai, India Banerjee D, Defence Research Development Organization, Delhi, India Bhattacharya Debashish, Tata Steel, Jamshedpur, India Kaw P K, Institute for Plasma Research, Gujarat, India Klueh R L, Oak Ridge National Laboratory, Tennessee, USA Malakondaiah G, Defence Metallurgical Research Laboratory, Hyderabad, India Manghnani Murli H, University of Hawaii, Hawaii, USA Mukhopadhyay A K, Defence Metallurgical Research Laboratory, Hyderabad, India Robertson Christian, CEA/Saclay, Yvette, France Singheiser, Institute for Energy Research, Julich, Germany Sonde R R, Energy Technologies, Noida, India Sundararajan G, International Advanced Centre for Powder Metallurgy & New Materials, Hyderabad, India</p>
<p>(Q) Computational Materials Science</p>	<p>34</p>	<p>Chair GP Das, IACS, Kolkata, Email: msgpd@mahendra.iacs.res.in / Co-chairs <i>G Ananthakrishna, S Balasubramanian, P Bloechl, S Datta, L Kubin, V Kumar, S Narasimhan</i></p> <p>Invited Speakers (Tentative) Andersen OK, Max Planck Institute for Solid State Research, Stuttgart, Germany Aryasetiawan Ferdi, Research Institute for Computational Sciences AIST, Ibaraki, Japan Banerjee Srikumar, Bhabha Atomic Research Centre, Mumbai, India Finel Alphonse, Office National d'Etudes et de Recherches Aérospatiales, France Galli Giulia, Lawrence Livermore National Laboratory, Livermore, USA Ihm Jisoon, Seoul National University, Seoul, Korea Jena Puri, Virginia Commonwealth University, Richmond, USA Kanhere Dilip, University of Pune, Pune, India Kubin Ladislav, LEM, CNRS-ONERA, France Maiti Prabal, Indian Institute of Science, Bangalore, India Muller-Plathe Florian, International University, Bremen, Germany Persson Bo, Institut für Festkörperforschung, Julich, Germany Puri Sanjay, Jawaharlal Nehru University, New Delhi, India Roethlisberger Ursula, Federal Institute of Technology, Lausanne, Switzerland Siepmann Ilja, University of Minnesota, Minnesota, USA Vitek Vaclav, University of Pennsylvania, Pennsylvania, USA Waghmare Umesh, JNCASR, Bangalore, India Wang Enge, The Chinese Academy of Sciences, Beijing, China Yashonath S, Indian Institute of Science, Bangalore, India Zaiser M, The University of Edinburgh, Edinburgh, UK</p>
<p>(R) Materials for Catalysis</p>	<p>33</p>	<p>Chair B Viswanathan, IIT-Madras, Chennai, Email: bvnathan@iitm.ac.in / Co-chairs <i>Rajiv Kumar, S Natarajan, S Narayanan, PA Wright, P Selvam</i></p> <p>Invited Speakers (Tentative) Andrea Martin, Leibniz-Institute for Catalysis, Berlin, Germany Barbosa G N, Universidade de Sao Paulo, Brazil Halgeri Anand B, Indian Petrochemicals Corporation Limited, India Han Vinh Huynh, National University of Singapore, Singapore</p>

		<p>Kumar Rajiv, National Chemical Laboratory, Pune, India Lakshmi Kantam, Indian Institute of Chemical Technology, Hyderabad, India Murugesan V, Anna University, Chennai, India Mori K, Osaka University, Japan Murali Dhar G, Indian Institute of Petroleum, Dehradun, India Narayanan S, Indian Institute of Chemical Technology, Hyderabad, India Pant K K, IIT-Delhi, New Delhi, India Parida K M, IMMT, Bhubaneswar, India Pramanik P, Indian Institute of Technology, Kharagpur, India Ramaswamy A V, Indian Institute of Technology-Madras, Chennai, India Rao Ranga, Indian Institute of Technology, Madras, Chennai, India Rayalu Sadhana S, National Environmental Engineering Research Institute, India Selvam P, Indian Institute of Technology-Madras, Chennai, India Shankar Gopinathan, University College of London, UK Tetsuhiko Kobayashi, National Institute of Advanced Industrial Science and Technology, Osaka, Japan Viswanathan B, Indian Institute of Technology-Madras, Chennai, India</p>
(S) Characterization of Materials	75	<p>Chair P Chaddah, CSR, Indore, Email: chaddah@csr.ernet.in /</p> <p>Co-chairs <i>A K Raychaudhuri, G Solórzano, I Samajdar, L Cohen, S Das, V S Raghunathan, V K Pecharsky</i></p> <p>Invited Speakers (Tentative) Cohen Lesley, Imperial College, London Gupta Ajay, UGC-DAE Consortium for Scientific Research, Indore, India Johansen Tom H, University of Oslo, Oslo, Norway Kelly Thomas F, Imago Scientific Instruments, Madison, Wisconsin, USA Leitenberger Wolfram, Universität Potsdam, Potsdam, Germany Pecharsky Vitalij K, Iowa State University, Iowa, USA Raychaudhuri Arup Kumar, SN Bose National Centre for Basic Sciences, Kolkata, India Solórzano Guillermo, Pontifical University Catholic of Rio De Janeiro, Rio De Janeiro, Brazil Weiland Hasso, Alcoa Technical Center, USA</p>
(T) Microscopy of Materials	14	<p>Chair K Chattopadhyay, IISc, Bangalore, Email: kamanio@met.iisc.ernet.in /</p> <p>Co-chairs <i>G K Dey, K Muraleedharan</i></p> <p>Invited Speakers (Tentative) Cockayne David J. H., University of Oxford, Oxford, UK Graef Marc De, Carnegie Mellon University, Pittsburgh, USA Heun Stefan, CNR-INFM Laboratorio Nazionale TASC, Trieste, Italy Jäger Wolfgang, University of Kiel, Kiel, Germany Miller Michael K., Oak Ridge National Laboratory, Tennessee, USA Ringer Simon P, University of Sydney, Sydney, Australia Van Tendeloo G, University of Antwerp, Belgium</p>
(U) Materials Synthesis- Novel Approaches	101	<p>Chair K Byrappa, Univ.of Mysore, Mysore, Email: byrappak@yahoo.com /</p> <p>Co-chairs <i>M Yoshimura, RE Riman, N Setter</i></p> <p>Invited Speakers (Tentative) Agrawal Dinesh K, Penn State University, USA Bose Susmita, Washington State University, USA</p>

		<p>Byrappa K, University of Mysore, Mysore, India Fehr Thomas, Institute of Mineralogy, Petrology and Geochemistry, Munich, Germany Hibiya T, Keio University, Japan Ki-Pung Yoo, Sogang University, Seoul, Korea Lester Edward, Nottingham University, Nottingham, UK Palacin S, CEA, Saclay, France Riman Richard E, Rutgers University, New Jersey, USA Setter Nava, Swiss Federal Institute of Technology, Lausanne, Switzerland Shouhua Feng, Jilin University, Changchun, China Soga K, Tokyo University of Science, Tokyo, Japan Tadafumi Adschiri, Tohoku University, Sendai, Japan Wang John, National University of Singapore, Singapore Watkins James J, University of Massachusetts, Amherst, USA Yanagisawa K, Kochi University, Kochi, Japan Yoshimura M, Tokyo Institute of Technology, Japan</p>
(V) Nanomaterials and Devices	78	<p>Chair LM Kukreja, Raja Raja Ramanna Centre for Advanced Technology, P.O CAT, Indore 452 013, India, Email: kukreja@cat.ernet.in /</p> <p>Co-chairs <i>N Bhat, V Venkataraman, P Ziemann, R Katiyar</i></p> <p>Invited Speakers (Tentative) Adhi K P, University of Pune, Pune, India Brown Simon, University of Canterbury, New Zealand Dasgupta Nandita, Indian Institute of Technology-Madras, Chennai, India Datta Supriyo, Purdue University, Indiana, USA Iwai Hiroshi, Tokyo Institute of Technology, Yokohama, Japan James E Jaskie, Motorola Labs, Arizona, USA Klingshirn Claus, Universität Karlsruhe, Karlsruhe, Germany Kota Murali, Motorola India Research, Bangalore, India Lieber Charles M, Harvard University, USA Miyazaki Seiichi, Hiroshima University, Japan Nanda Karuna Kar, Indian Institute of Science, Bangalore, India Reifenberger Ronald G, Purdue University, Indiana, USA Roy Samit K, IIT Khargpur, India Shigehisa Arai, Tokyo Institute of Technology, Tokyo, Japan Sun Xiaowei, Nanyang Technological University, Nanyang Province, Singapore van Wees BJ, KNAW Research, Amsterdam, The Netherlands Wehrspohn RB, Paderborn University, Paderborn, Germany Young June Park, Seoul National University, Seoul, Korea Zhizhen Ye, Zhejiang University, Zhejiang Province, China Ziemann Paul, Universität Ulm, Ulm, Germany</p>
(W) Materials Education	7	<p>Chair P Ramachandra Rao, ARC-I, Hyderabad, Email: pramachandra_rao@yahoo.com /</p> <p>Co-chairs <i>P Rama Rao, S Suresh</i></p> <p>Invited Speakers (Tentative) Arunachalam V S, Carnegie Mellon University, Pittsburgh, USA Doyama Masao, Teikyo University of Science and Technology, Japan Hambermeier H U, Max-Planck Institute for Solid State Research, Germany Kumar Vijay, Institute of Mathematical Sciences, Chennai, India Murthy K. Linga, NC State University, North Carolina, USA Narayan Jagdish, NC State University, North Carolina, USA Somasundaran P., Columbia University, New York, USA Suresh Subra, Massachusetts Institute of Technology, Massachusetts, USA Uma Devi Venkateswaran, National Science Foundation, USA</p>

**G C JAIN MEMORIAL PRIZE FOR THE BEST Ph.D THESIS IN
MATERIALS SCIENCE**

The Council of MRSI decided to award an annual prize one in each calendar year for the best Ph.D. thesis in the area of Materials Science. The funds for this prize have been raised by the Pune Chapter of MRSI. The Guidelines and the Application form are furnished hereunder:

<u>Guidelines</u>	Photo
<p>1. The prize will be given each year for the best Ph.D thesis in the broad multi disciplinary field of Materials Science, in disciplines such as Condensed Matter Physics, Chemistry, Biology, Metallurgy, Ceramics and Chemical Engineering.</p> <p>2. Criteria for Selection</p> <p>-Completion of Ph.D thesis from any recognized Indian University/Research Institute/National Laboratory within the last two calendar years (2005, 2006 for the current prize)</p> <p>-Three recommendation letters should be enclosed including one from the thesis supervisor along with a one-page write-up highlighting the prime results of the thesis.</p> <p>-Quality of the work will be judged in the first stage by the Publications, Reports and Patents resulting from the thesis work.</p> <p>-The shortlisted theses will be selected after peer reviewing during November/December. Such shortlisted theses work must be presented by the students concerned in poster/oral format at the next AGM of MRSI. The final selection will be done at the AGM by a suitably constituted committee.</p> <p>3) The award will have a cash prize of Rs. 6000/- and a certificate from MRSI.</p> <p>4) Application in the prescribed format reproduced alongside should be sent to the Secretary, MRSI so as to reach him on or before October 31st, 2007.</p>	<p>APPLICATION FORM</p> <p>G C Jain Memorial Prize for the Best Ph.D Thesis in Materials Science</p> <p>1. Name of the Applicant :</p> <p>2. Address :</p> <p>Office :</p> <p>Residence :</p> <p>Telephone :</p> <p>Fax :</p> <p>Email :</p> <p>3. Academic Record (in brief) (Degree/year of passing/University) :</p> <p>4. Title of the Ph.D Thesis:</p> <p>a) The discipline or subject in which the Ph.D degree was awarded :</p> <p>b) Name of the University/Laboratory/Institute where the Ph.D work was carried out :</p> <p>c) Name of the Research Supervisor :</p> <p>d) Date of submission of the thesis :</p> <p>e) Date of Award of Ph.D :</p> <p>f) One page write-up of the thesis highlighting the prime results (to be enclosed) enclosed/not enclosed</p> <p>5. Recommendation Letters (from the thesis supervisor and 2 other experts) (to be enclosed) enclosed/not enclosed</p> <p>6. List of Publications based on the thesis work in Journals, Reports, Conferences, Patents (to be enclosed) Give Title of the Paper, Authors, Journal, Vol / Page/ Year for Journal Publications enclosed/not enclosed</p> <p>7. Any additional information</p> <p>Date : _____ Signature _____</p>

New Members

Enrolled between April 1 and June 30, 2007

Life Members

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Email: waseda@tagen.tohoku.ac.jp

CALENDAR OF EVENTS (JULY 2007-FEB 2008)

September 3-5, 2007, The Third Asian Particle Technology Symposium (APT 2007), APT 2007 Secretariat, Department of Chemical Engineering, Tsinghua University, Beijing 100084, China, Email: apt2007@flotu.org, Website: <http://www.flotu.org/apt2007>

October 4-6, 2007, International Conference on Polymeric Materials in Power Engineering, Dr. K T Varughese, Organizing Secretary, Central Power Research Institute, P B No. 8066, Sir C V Raman Road, Sadashivnagar, Bangalore 560 080, Tel: 080-23604448, Fax: 080-23604448, Email: drvarughese@cpri.in

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, 65334302, Fax: 080-23602028, Email: secretariat@icam2007.com, Website: www.icam2007.com

November 27-30, 2007, 10th NCB International Seminar on Cement and Building Materials, The Organizing Secretary, 10th NCB International Seminar for Cement and Building Materials, 34 Km Stone, Delhi-Mathura Road (NH2), Ballabgarh-121 004, Haryana, Tel: 129-2242051, Fax: 129-2242100, Email: seminar@ncbindia.com

December 12-14, 2007, International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, Organizing Secretary, Kamal K Kar, Dept. of Mechanical Engineering, and Materials Science Programme, Joint Secretary, J Ramkumar, International and INCOMM-6 Conference, 2007, Indian Institute of Technology-Kanpur, Kanpur 208 016, Tel: 0512-2597687, Fax: 0512-597459, 597408, Email: incomm6@iitk.ac.in

December 16-20, 2007, 14th International Workshop on the Physics of Semiconductor Devices (IWPSD). For further details refer the website : <http://www.iwpsd.net>

January 7-8, 2008, National Conference on Advanced Materials for Aerospace and Defence Applications, Prof. R Subba Rao, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore, Website: www.amrita.edu/amada

January 8-11, 2008, International Workshop on Porous Ceramics and 71st Annual Session of India Ceramic Society. For further details refer the website: www.porocer-2008.com or contact Dr. L N Satapathy, Manager, Ceramic Technological Institute, Bharat Heavy Electricals Limited, IISc Post, Bangalore 560 012, Tel: 080-22182403, Fax: 080-23344231, Email: satpathy@bhelepd.com

February 14-16, 2008 19th Annual General Meeting of MRSI, Dr. G S Bhuvaneshwar, Chairman, MRSI AGM 2008 Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Poojapura, Thiruvananthapuram 695 012, Fax: 0471-2341814, Email: info@mrsiagm2008.com

February 17-21, 2008, 'POLYCHAR' 16, World Forum on Advanced Materials preceded by one day workshop on polymer characterization and one day preconference mini symposium on greener routes to polymer synthesis, Dr. Poonam Tandon, Executive Secretary-cum-Treasurer, POLYCHAR 16, Physics Department, University of Lucknow, Lucknow-226 007, Tel : 0091-522-2740840, Fax : 0091-522-2740840; Email : contact@polychar16.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"

AN UPDATE OF MRSI ACTIVITIES

The MRSI Update is a consolidated statement of the major activities and achievements of MRSI. The MRSI has completed 18 years of activity and in this update, the following information is given.

- Membership status
- Awards & Honours
- Information Collection & Dissemination System
- Publications
- International Cooperation
- Annual General Meetings

Membership Status

MRSI has the following classes of membership. The status as on June 30, 2007 is:

Life Members	:	2058
Annual Members	:	145
Honorary members	:	150
Patron members	:	83

Awards and Honours

Distinguished Materials Scientist of the Year Award

DISTINGUISHED MATERIALS SCIENTIST OF THE YEAR AWARD is the highest MRSI award. The chosen scientist delivers special Honour Lecture on the occasion of the MRSI Annual Meeting.

Prof. S Ramaseshan (1990)
Prof. E C Subba Rao (1991)
Prof. T R Anantharaman (1992)
Prof. C N R Rao (1993)
Dr. M S Valiathan (1994)
Prof. K L Chopra (1995)
Dr. R Chidambaram (1996)
Dr. Paul Ratnasamy (1997)
Dr. P Rama Rao (1998)
Prof C V Sundaram (1999)
Dr. R A Mashelkar (2000)
Prof. S Ranganathan (2001)
Prof. K J Rao (2002)
Prof. A K Barua (2003)
Prof. T V Ramakrishnan (2004)
Prof. K T Jacob (2005)
Prof. N Kumar (2006)
Dr. V K Aatre (2007)

MRSI-ICSC Superconductivity and Materials Science Award (Senior)

Prof. CNR Rao, (JNCASR, Bangalore) (1993)
Dr. P Rama Rao, (UOH, Hyderabad) (1996)

Dr. S K Joshi, (NPL, New Delhi) (1999)
Dr. M S Valiathan (MAHE, Manipal) (2002)
Prof. P Ramachandra Rao (BHU, Varanasi) (2005)

This prize is awarded once in three years.

MRSI Distinguished Lecturership Award

Dr. M.S. Valiathan (SCTIMST, TRV) (1993-1994)
Prof. S. Ranganathan (IISc, Bangalore) (1995-1996)
Prof. G.V. Subba Rao (CECRI, Karaikudi) (1997-1998)
Dr. P. Ramachandra Rao (NML, Jamshedpur) (1999-2000)
Dr. P. Rodriguez (IGCAR, Kalpakkam) (2001-2002)
Dr. S. Sivaram (NCL, Pune) (2003-2004)
Prof. S. Dattagupta (SNBNCBS, Kolkata) (2005-2006)
Dr. A K Singh (NAL, Bangalore) (2007-2008)

MRSI-ICSC Super Conductivity and Materials Science Annual Prize Winners

These prizes are awarded annually to two scientists.

Dr. A V Narlikar, NPL, New Delhi (1991)
Prof. G V Subba Rao, IIT, Madras (1991)
Prof. S B Ogale, UOP, Pune (1992)
Prof. J Gopalakrishnan, IISc, Bangalore (1992)
Dr. P Chaddah, CAT, Indore (1993)
Dr. A K Gupta, NPL, New Delhi (1993)
Prof. S K Malik, TIFR, Mumbai (1994)
Dr. P Ganguly, NCL, Pune (1994)
Prof. L C Gupta, TIFR, Mumbai (1995)
Dr. D Chakravorty, IACS, Kolkata (1995)
Prof. K J Rao, IISc, Bangalore (1996)
Dr. J V Yakhmi, BARC, Mumbai (1996)
Prof. A K Barua, IACS, Kolkata (1997)
Dr. Anil Kakodkar, BARC, Mumbai (1997)
Dr. P Rodriguez, IGCAR, Kalpakkam (1998)
Prof. R Vijayaraghavan, TIFR, Bombay (1998)
Dr. Y R Mahajan, ARC-I, Hyderabad (1999)
Dr. T S Radhakrishnan, IGCAR, Kalpakkam (1999)
Dr. N V Madhusudana, RRI, Bangalore (2000)
Dr. C K Gupta, BARC, Mumbai (2000)
Dr. S K Sikka, BARC, Mumbai (2001)
Dr. D Banerjee, DMRL, Hyderabad (2001)
Prof. P Ramachandra Rao, NML, Jamshedpur (2002)
Prof. A K Raychaudhuri, IISc, Bangalore (2002)
Dr. S Banerjee, BARC, Mumbai (2003)
Dr. B M Arora, TIFR, Mumbai (2003)
Prof. Dhananjai Pandey, BHU, Varanasi (2004)
Prof. S B Krupanidhi, IISc, Bangalore (2004)
Dr. Baldev Raj, IGCAR, Kalpakkam (2005)
Prof. G. Ananthakrishna, IISc, Bangalore (2005)
Prof. A K Shukla (IISc, Bangalore & CECRI, Karaikudi) (2006)
Dr. G Sundararajan (ARC-I, Hyderabad) (2006)
Prof. M K Surappa (IISc, Bangalore) (2007)
Dr. C S Sundar (IGCAR, Kalpakkam) (2007)

MRSI Medal Lectures

MRSI Medals are awarded in recognition of excellence in a particular field of expertise within the domain of materials and processes. Recipients of these medals are invited to deliver lectures at the MRSI Annual Meeting. So far 264 Medals have been awarded. The MRSI Medal winners for the years 1990 to 2007 are listed below:

1990

Prof. S. B. Ogale, University of Poona, Pune
Dr. P. Muralidharan, SSPL, Delhi
Prof. S. V. Subramanyam, IISc, Bangalore
Prof. K. Chattopadhyay, IISc, Bangalore
Dr. V. Chandrasekharan, DMRL, Hyderabad
Prof. D. D. Sarma, IISc, Bangalore
Prof. Manu Multani, TIFR, Mumbai
Dr. A. M. Varaprasad, DMSRDE, Kanpur
Prof. G. V. Subba Rao, IIT, Madras
Dr. D. Pandey, BHU, Varanasi
Dr. S. Sivaram, NCL, Pune
Dr. M. K. Sridhar, NAL, Bangalore
Prof. C. Lakkad, IIT, Mumbai
Prof. K. A. Padmanabhan, IIT, Madras
Dr. N. C. Birla, DMRL, Hyderabad
Dr. S. Banerjee, BARC, Mumbai

1991

Prof. S. Ranganathan, IISc, Bangalore
Dr. A. H. Sequeria, BARC, Mumbai
Dr. A. K. Sreedhar, SSPL, New Delhi
Prof. A. K. Barua, IACS, Kolkata
Dr. H. S. Maiti, CGCRI, Kolkata
Prof. R. Srinivasan, IIT, Madras
Prof. B. K. Sadashiva, RRI, Bangalore
Dr. O. P. Bahl, NPL, New Delhi
Dr. D. Banerjee, DMRL, Hyderabad
Dr. J. Mukherji, CGCRI, Kolkata
Prof. D. N. Bose, IIT, Kharagpur
Dr. A. K. Singh, NAL, Bangalore
Dr. S. K. Sikka, BARC, Mumbai
Prof. J. Gopalakrishnan, IISc, Bangalore
Dr. C. K. Gupta, BARC, Mumbai
Dr. P. Rodriguez, IGCAR, Kalpakkam
Dr. V. M. Nadkarni, NCL, Pune

1992

Dr. B. K. Das, NPL, New Delhi
Prof. Vikram Kumar, IISc, Bangalore
Prof. S. Mohan, IISc Bangalore
Prof. G. Ananthakrishna, IISc, Bangalore
Dr. R. Thyagarajan, SSPL, Delhi
Prof. D. Chakravorty, IACS, Kolkata
Dr. Baldev Raj, IGCAR, Kalpakkam
Dr. A. D. Damodaran, RRL, Thiruvananthapuram
Dr. S. R. Rajagopalan, NAL, Bangalore
Dr. Pradip, TRDDC, Pune

Prof. P. Pramanik, IIT, Kharagpur
Dr. Y. R. Mahajan, DMRL, Hyderabad
Dr. G. Sundararajan, DMRL, Hyderabad
Prof. K. T. Jacob, IISc, Bangalore
Prof. P. Ramasamy, Anna Univ. Chennai
Dr. S. P. Garg, BARC, Mumbai
Prof. P. Ganguly, NCL, Pune
Prof. S. Banerjee, NML, Jamshedpur
Dr. R. Sivakumar, SCTIMST, TRV
Dr. N. Balasubramanian, Everest Ltd., Bangalore
Dr. C. G. Krishnadas Nair, HAL, Bangalore

1993

Dr. D. Ganguli, CGCRI, Kolkata
Prof. G. S. Upadhyaya, IIT, Kanpur
Dr. K. C. Patil, IISc, Bangalore
Dr. S. K. Date, NCL, Pune
Dr. L. Madhav Rao, BARC, Mumbai
Dr. Sanak Mishra, SAIL (R & D) Ranchi
Dr. Krishan Lal, NPL, New Delhi
Dr. A. K. Chatterjee, ACC Ltd, Thane
Prof. O. Prabhakar, IIT, Chennai
Dr. S. L. Mannan, IGCAR, Kalpakkam
Prof. K. V. S. Rama Rao, IIT, Chennai
Dr. C. Ganguly, BARC, Mumbai
Dr. R. B. Subramanyam, DMRL, Hyderabad
Prof. K. A. Natarajan, IISc, Bangalore
Dr. A. K. Shukla, IISc, Bangalore
Dr. C. K. Mathews, IGCAR, Kalpakkam

1994

Dr. K. Balakrishnan, CECRI, Karaikudi
Prof. S. V. Bhat, IISc, Bangalore
Prof. S. K. Biswas, IISc, Bangalore
Dr. R. N. Ghosh, NML, Jamshedpur
Prof. V. V. P. Kutumba Rao, BHU, Varanasi
Dr. S. K. Mitra, Tata Steel, Jamshedpur
Dr. T. S. Radhakrishnan, IGCAR, Kalpakkam
Dr. (Mrs). G. Rohini Devi, DRDL, Hyderabad
Dr. C. S. Sundar, IGCAR, Kalpakkam
Prof. M. S. Hegde, IISc, Bangalore
Prof. H. L. Bhat, IISc, Bangalore
Dr. D. Bhattacharya, IIT, Kharagpur
Dr. Sudhir S. Kulkarni, NCL, Pune
Dr. C. Manohar, BARC, Mumbai
Prof. A. K. Pal, IACS, Kolkata
Dr. (Mrs) Indira Rajgopal, NAL, Bangalore
Dr. C. P. Sharma, SCTIMST, Thiruvananthapuram
Prof. S. V. Suryanarayana, OU, Hyderabad

1995

Prof. S. C. Agarawal, IIT, Kanpur
Dr. A. K. Gupta, NPL, New Delhi
Prof. T. R. N. Kutty, IISc, Bangalore
Prof. L. M. Manocha, S. P. University, Vallabh Vidyanagar

Dr. T.K. Mukherjee, BARC, Mumbai
Dr. B.K. Sarkar, CGCRI, Kolkata
Prof. Subrata Ray, Univ. of Roorkee, Roorkee
Prof. Pushpa Bajaj, New Delhi
Dr. Pran Kishan, SSPL, Delhi
Prof. L.K. Malhotra, IIT, New Delhi
Dr. O.N. Mohanty, TISCO, Jamshedpur
Dr. V.S. Raghunathan, IGCAR, Kalpakkam
Prof. S.P. Sengupta, IACS, Kolkata
Prof. Shamsuddin, BHU, Varanasi

1996

Dr. B.M. Arora, TIFR, Mumbai
Prof. A K Raychaudhuri, IISc, Bangalore
Dr. A.K. Grover, TIFR, Mumbai
Dr. E.V. Sampath Kumar, TIFR, Mumbai
Dr. S. A. Shivashankar, IISc, Bangalore
Dr. Subhash Chandra, NPL, Pune
Dr. Vikram Jayaram, IISc, Bangalore
Dr. Vijay Kumar, IGCAR, Kalpakkam
Dr. Arun Umarji, IISc, Bangalore
Dr. D. Bahadur, IIT, Mumbai
Prof. T. Nagarajan, Madras University, Chennai
Prof. R G Sharma, NPL, New Delhi
Prof. R. P. Singh, IIT, Kharagpur
Dr. K. Vijayamohanan, NCL, Pune
Prof. U. V. Varadaraju, IIT, Chennai

1997

Dr. G. Banerjee, CGCRI, Kolkata
Dr. K. Bhanu Sankara Rao, IGCAR, Kalpakkam
Dr. A. Jayakrishna, SCTIMST, Thiruvananthapuram
Dr. V. N. Krishnamurthy, VSSC, Thiruvananthapuram
Dr. N. G. Nair, IIT, Chennai
Dr. M. C. Pandey, DMRL, Hyderabad
Dr. Rameshwar Jha, TISCO, Jamshedpur
Prof. M. K. Surappa, IISc, Bangalore
Dr. B P Sharma, BARC, Mumbai
Dr. B. K. Godwal, BARC, Mumbai
Prof. T. N. Guru Row, IISc., Bangalore
Prof. S. B. Krupanidhi, IISc., Bangalore
Dr. B. M. Mandal, IACS, Kolkata
Dr. K. S. Narayan, JNCASR, Bangalore
Prof. R. Pinto, TIFR, Mumbai
Prof. V. D. Vankar, IIT, New Delhi
Prof. V. N. Rajasekharan Pillai, M G University Kottayam

1998

Dr. A.K. Jha, RRL, Bhopal
Prof. B. Viswanathan, IIT, Chennai
Dr. Neeraj Khare, NPL, Delhi
Dr. (Ms) Prabha R Chatterjee, IICT, Hyderabad
Dr. P.R. Vasudeva Rao, IGCAR, Kalpakkam
Prof. S.N. Kaul, Central University, Hyderabad
Dr. G. Malakondaiah, DMRL, Hyderabad
Dr. Om Prakash, BHU, Varanasi

Dr. Prabha D Nair, SCTIMST, Thiruvananthapuram
Dr. P.S. Goyal, BARC, Mumbai
Mr. K.S. Ghosh, TISCO, Jamshedpur
Dr. K.B.R. Varma, IISc, Bangalore
Dr. T. Bandyopadhyaya, CGCRI, Kolkata

1999

Dr. R Balasubramanian, IIT Kanpur
Dr. G V Kulkarni, JNCASR, Bangalore
Dr. Navin Chand, RRL, Bhopal
Dr. S K Ray, IGCAR, Kalpakkam
Dr. K Sreenivas, SCTIMST, Thiruvananthapuram
Dr. A Venkateswara Rao, Shivaji University, Kolhapur
Dr. Santanu Bhattacharya, IISc, Bangalore
Dr. M K Banerjee, BEC, Bengal
Dr. S Natarajan, JNCASR, Bangalore
Dr. T Rajasekharan, DMRL, Hyderabad
Dr. S M Sharma, BARC, Mumbai
Dr. Swati Ray, IACS, Kolkata
Dr. GVS Sastry, BHU, Varanasi

2000

Dr. R Bhattacharya, NPL, New Delhi
Prof. Atul Choksi, IISc, Bangalore
Dr. G P Das, BARC, Mumbai
Dr. S C Gupta, BARC, Mumbai
Dr. Y Hariharan, IGCAR, Kalpakkam
Prof. I Manna, IIT, Kharagpur
Prof. S N Ojha, BHU, Varanasi
Dr. AR Raju, JNCASR, Bangalore
Dr. T G Ramesh, NAL, Bangalore
Prof. M K Sanyal, SINP, Kolkata
Prof. Ajay Sood, IISc, Bangalore
Dr. A K Suri, BARC, Mumbai
Dr. V K Wadhawan, CAT, Indore

2001

Shri. Chintamani, NFC, Hyderabad
Dr. A Ghosh, IACS, Kolkata
Dr. Gurnam Singh, CAT, Indore
Prof. R Nagarajan, TIFR, Mumbai
Dr. G J Prasad, BARC, Mumbai
Dr. K Sheela Ramasesha, NAL, Bangalore
Dr. B Viswanathan, IGCAR, Kalpakkam
Dr. G K Dey, BARC, Mumbai
Dr. A Govindaraj, SSCU, IISc, Bangalore
Dr. M Jayabalan, SCTIMST, Thiruvananthapuram
Dr. S K Pabi, IIT, Kharagpur
Dr. N Ramakrishnan, DMRL, Hyderabad
Dr. T Ramasami, CLRI, Chennai
Dr. K G Satyanarayana, RRL, Thiruvananthapuram
Dr. O M Sreedharan, IGCAR, Kalpakkam

2002

Prof. Ashok Misra, IIT, Bombay, Mumbai
Dr. Bhuvaneshwar G S, SCTIMST, Thiruvananthapuram

Dr. Chaplot S L, BARC, Mumbai
Prof. Damodara Das V, IIT, Madras, Chennai
Prof. Devendra Kumar, BHU, Varanasi
Kumar A N, Indian institute of Technology, Delhi
Majumdar S D, ACC, Thane
Pawar S H, Shivaji University, Kolhapur
Prof. Pradeep T, IIT, Madras, Chennai
Prof. Ramakrishnan S, IISc, Bangalore
Dr. Shobhana Narasimhan, JNCASR, Bangalore
Prof. Shrikant V Joshi, ARC-I, Hyderabad
Dr. Subramanian P N, VSSC, Thiruvananthapuram

2003

Dr. Amarnath Sen, CGCRI, Kolkata
Dr. Bharathi A, IGCAR, Kalpakkam
Prof. Bhupendra N Dev, Institute of Physics,
Bhubaneswar
Prof. Devang V Khakhar, IIT, Mumbai
Prof. Jyothindra Kumar K, Govt. Dental College,
Thiruvananthapuram

Dr. Kothiyal G P, BARC, Mumbai
Dr. Maitra A N, Univ. of Delhi, Delhi
Dr. Mitra R, IIT, Kharagpur
Dr. Murali Sastry, NCL, Pune
Prof. Narayanasamy A, Univ. of Madras, Chennai
Dr. Pillai C K S, RRL, Thiruvananthapuram
Prof. Sekhon S S, Guru Nanak Dev Univ, Amritsar
Prof. Shanker Ram, IIT, Kharagpur

2004

Dr. B.C. Pai, RRL, Thiruvananthapuram
Dr. Debabrata Basu, CGCRI, Kolkata
Prof. A.K. Nandi, IACS, Kolkata
Prof. B.S. Murty, IIT, Kharagpur
Dr. Suman Kumari Mishra, NML, Jamshedpur
Prof. B.R. Mehta, IIT, Delhi
Dr. Pushan Ayyub, TIFR, Mumbai
Dr. V. Venugopal, BARC, Mumbai
Dr. M. Vijayalakshmi, IGCAR, Kalpakkam
Dr. S.C. Jain, NFC, Hyderabad
Dr. R.M.V. Gopalakrishna Rao, NAL, Bangalore
Dr. B.D. Malhotra, NPL, Delhi
Dr. T.L. Prakash, C-MET, Hyderabad

2005

Dr. Arvind Sinha (NML, Jamshedpur)
Dr. Balasubramanian S (JNCASR, Bangalore)
Dr. Budhani R C (IIT, Kanpur)
Prof. Byrappa K (Mysore University, Mysore)
Prof. Chandrasekaran S (IISc, Bangalore)
Dr. Goutam De (CGCRI, Kolkata)
Dr. Kulshreshtha S K (BARC, Mumbai)
Dr. Radhakrishnan S (NCL, Pune)
Dr. Sulabha Kulkarni (Pune University, Pune)
Prof. Subhadra Chaudhuri (IACS, Kolkata)

Dr. Tyagi A K (BARC, Mumbai)
Dr. Umesh Waghmare (JNCASR, Bangalore)

2006

Dr. Amlan J Pal, IACS, Kolkata
Dr. Ganguli A K, IIT, Delhi
Dr. George Thomas K, RRL, Thiruvananthapuram
Prof. Kashyap B P, IIT, Mumbai
Dr. Muraleedharan Nair K G, IGCAR, Kalpakkam
Dr. Patra A. CGCRI, Kolkata
Dr. Poonam Tandon, Lucknow University, Lucknow
Prof. Sampath S, IISc, Bangalore
Dr. Sharada Srinivasan, NIAS, Bangalore
Dr. Shivaprasad, S M, NPL, New Delhi
Prof. Siddhartha Das, IIT, Kharagpur
Dr. Srikanth S, NML, Chennai
Dr. Swapan Pati K, JNCASR, Bangalore
Dr. Upendra Natarajan, NCL, Pune

2007

Dr. Ajayaghosh 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. Parthasarathi G, NGRI, Hyderabad
Dr. Pathak L C, NML, Jamshedpur
Prof. Ranganathan R, SINP, Kolkata
Dr. Subrata Chatterjee, Bengal Engg & Sci University,
Howrah
Dr. Sujeet Chaudhary, IIT-Delhi, New Delhi

BEST PAPER PRIZE (For publication in the Bulletin of Materials Science)

1990:

“A cold model study of mass transfer in Q-BOP” by Prof. S L Malhotra, Dr. S Singh and Dr. N Prasad, BHU, Varanasi, Bulletin of Materials Science, Vol. 12 (1989), p 369

1991:

“Thermodynamic properties of Pt5La, Pt5Ce, Pt5Pr, Pt5Tb and Pt5Tm, intermetallics” by Prof. K T Jacob, IISc, Bangalore and Prof. Y Waseda, Tohoku University, Sendai, Japan, Bulletin of Materials Science, Vol. 13, (1990), p 235

1992:

“Ordered structures in ternary hcp alloys” by Prof. S Lele and Dr. A K Singh, BHU, Varanasi, Bulletin of Materials Science, Vol. 14 (1991), p 11

1993:

“Dynamic Fracture Mechanics-A scientific tool for the prevention of catastrophic Failure” by Dr. R Krishna Kumar, Dept. of Mechanical Engineering, Indian Institute of Technology, Madras, Bulletin of Materials Science, Vol. 15 (1992), p 55

1994:

“EXAFS: Determination of Cation Distribution in Spinel” by Dr. G M Bhongale, Dr. D K Kulkarni, Dept. of Physics, Institute of Science, Nagpur and Dr. V B Sapre, Dept. of Physics, Nagpur University, Nagpur, Bulletin of Materials Science, Vol. 16 (1993), p. 243

1995:

“The role of additives in a complex lithium silicate glass ceramic” by Prof. R N Das, Prof. B K Chandrashekar, Ceramic Technological Institute, Bharat Heavy Electrical Ltd, Bangalore & Prof. K J Rao, Materials Research Centre, Indian Institute of Science, Bangalore, Bulletin of Materials Science, Vol. 17 (1994), p 59

1996: No prize was given in 1996.

1997:

“Crystallization of glass in Fireclay Refractories” by Dr. S P Choudhury and Dr. T Dutta, CGCRI, Kolkata, Part II and Part III, Bulletin of Materials Science, Vol. 19 (1996), p 373.

1998:

‘A New inexpensive method for the preparation of acicular precursors for magnetic recording media’ by M R Anantharaman, K V Joseph and H V Keer, Dept. of chemistry, IIT, Mumbai, Bulletin of Materials Science, Vol. 20, (1997), p 975.

1999:

“Short term tissue response to carbon fibre : A preliminary *in vitro* and *in vivo* study’ by Mira Mohanty, T V Kumary, Division of Pathophysiology, SCTIMST, Thiruvananthapuram, Arthur V Lal, Vivarium & Materials Group, SCTIMST, Thiruvananthapuram and R Sivakumar, Biomedical Technology Wing, SCTIMST, Thiruvananthapura, Bulletin of Materials Science, Vol. 21 (6) (1998), p 439.

2000:

‘Transmission Electron Microscopy and X-ray diffraction studies of Quantum Wells’, by D V Sridhara Rao, L Muraleedharan, Electron Microscopy Group, DMRL, Hyderabad, G K Dey, Materials Science Division, BARC, Mumbai, S K Halder, G Bhagavannarayan, Materials Characterization Division, NPL, New Delhi, P Banerji, D Pal and D N Bose, Advanced Technology Centre, IIT, Kharagpur, Bulletin of Materials Science, Vol 22, No. 6, October (1999), pp. 947.

2001:

‘Helium implanted A1Hf as studied by 181Ta TDPAC’ by R Govindaraj, Materials Science Division, IGCAR, Kalpakkam, K P Gopinathan, Dept. of Physics, Cochin University of Science & Technology, Cochin and B Viswanathan, Materials Science Division, IGCAR, Kalpakkam, Bulletin of Materials Science, Vol. 23, No. 3, June (2000), p 201.

2002:

‘Non Equilibrium Solidification of undercooled droplets during Atomization Process’ by Prasanth Shukla, R K Mandal and S N Ojha, Centre for Advanced Study, Dept. of Metallurgical Engineering, Banaras Hindu University, Varanasi 221 005, Bulletin of Materials Science, Vol 24 (2001) p. 547.

2003:

‘Preliminary *in vitro* and *in vivo* characterizations of a sol-gel derived bio-active glass ceramic system’ by S Abhiraman, H K Varma, T V Kumari, P R Umashankar and Annie John, Biomedical Technology Wing, Sree Chitra Tirunal Institute of Medical Sciences & Technology, Thiruvananthapuram, Bulletin of Materials Science, Vol 25 (5) (2002), p 419.

2004:

‘Development of fully Injectable Calcium Phosphate Cement for Orthopedic and Dental Applications’ by Manoj Komath and H K Varma, Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram, Bulletin of Materials Science, Vol 26 (4), (2003), p 415.

2005:

‘Fabrication of silicon based glass fibres for optical communication’ by Vivek P Kude, Department of Applied Physics, MGM College of Engineering, Nanded and R S Khairnar, School of Physical Sciences, SRTMU, Vishnupuri, Nanded, Bulletin of Materials Science, Vol 27 (1), February 2004, pp 73-77.

2006:

‘Polyvinyl alcohol-cellulose composite: a taste sensing material’ by Sarmishtha Majumdar and Basudam Adhikari, Materials Science Centre, Indian Institute of Technology, Kharagpur 721 302 Bulletin of Materials Science, Vol (28), No. 7, December 2005, pp. 703-712.

2007:

‘Functional finishing in cotton fabrics using zinc oxide nanoparticles’ by A Yadav, Virendra Prasad, A A Kathe, Sheela Raj, Deepti Yadav, C Sundaramoorthy and N Vigneshwaran, Nanotechnology Group, Central Institute for Research on Cotton Technology, Mumbai 400 019, Bulletin of Materials Science, Vol (29), No. 6, November 2006, pp. 641-645.

BEST POSTER PRIZES**2004:**

‘MTMS based Superhydrophobic Silica Aerogels’ by Manish M Kulkarni and A Venkateswara Rao, Dept. of Physics, Shivaji University, Kolhapur.

‘Modifications to the Phase Diagram of (1-x)Pb [(Mg_{1/3}Nb_{2/3})O₃]-xPbTiO₃ Ceramics’ by Akhilesh Kumar Singh, Dhananjai Pandey and Oksana Zaharko, Banaras Hindu University, Varanasi.

'Photoimageable conductor Composition for high Density Electronic Packaging of Smart Devices & Allied Subsystems' by Govind G Umarji, Supriya A Ketkar, R Marimuthu, G J Phatak, T Seth, D P Amalnerkar and U P Mulik, C-MET, Pune.

'Spin Probe ESR Studies of PEG_xLiClO₄ Solid Polymer Electrolyte Systems' by Shrivalli N Bhat, Ajay Sharma, S Srinivas Rao and S V Bhat, Dept. of Physics, Indian Institute of Science, Bangalore.

2005:

'Synthesis and characterization of Silica-Titania core-shell Particles' by Kalele S, Dey R.M., Hebalkar N., Godavi S. and Kulkarni S.K., Dept. of Physics, University of Pune

'Field Emission Characteristics of Rose petal like Nanostructured carbon thin films grown by MPECVD Process' by Srivastava S.K., Shukla A.K., Vanker V.D. and Kumar V, Department of physics, Indian Institute of Technology and National Physical Laboratory, Pusa, Delhi

'Synthesis and characterization of Zinc oxide Nanoparticles' by Ashtaputre, S.S., Marathe S.K., Gosavi S.W., and Kulkarni S.K., Dept. of Physics, Pune University

'Effect of Curing Temperature and Fibre Loading on the swelling behavior of Isora fibre reinforced Natural rubber Composites in oils used in automobiles' by Lovely Mathew, Joseph K.U. and Rani Joseph Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Cochin

2006:

'Nanotechnology via Solution Chemistry' by Shobhit C and Khanna P K, C-MET, Pune

'Superhydrophilic and Photocatalytic properties of Sol-Gel TiO₂ Thin Films on Glass' by Mahata S and Kundu Debtosh, CGCRI, Kolkata

'Observation of TO₁ soft mode in SrTiO₃ thin films by THZ-time domain spectroscopy' by Misra M, University of Lucknow, Lucknow, Kotani K, Kawayama I, Murakami H and Tonouchi M, Osaka University, Japan

'Stabilization of high temperature form of Orthorhombic CaCO₃ using reserve Micelles: source of Calcium Oxide Nanoparticles' by Ahmed J, Vaidya S, Ahmad T and Ganguli A K, Dept. of Chemistry, IIT- Delhi, New Delhi

'Studies on the performance of Cardanal based adhesives on different Substrates' by V Lity Allen, and Thachil Eby Thomas, Cochin University of Science and Technology, Kochi

'A new phase boundary in the phase diagram of (1-x)[Pb(Mg_{1/3}Nb_{2/3})O₃]-xPbTiO₃' by Singh AK, Singh SP and Pandey D, BHU, Varanasi.

2007:

"Patterned silicon wafer for nanostructure growth" S K Panda and C Jacob, Materials Science Centre, Indian Institute of Technology, Kharagpur.

"Characterization of structural and magnetic transitions in Ni-Mn-Ga Heusler type alloys" Ranjan Kumar Singh, R Gopalan, R P Mathur, P Ghosal, V Chandrasekaran, Defence Metallurgical Research Laboratory, Hyderabad and M Shamsudin, Department of Metallurgical Engineering, Banaras Hindu University, Varanasi.

"Controllable tungsten oxide thin film nanostructures as cathodes for electrochromic smart windows" M Deepa, Govind, S M Shivaprasad, Shahzada Ahmad and A K Srivastava, National Physical Laboratory, Dr. K S Krishnan Road, New Delhi.

"Ultra high purification of gallium through multi-step processing for opto-electronic device applications" U Rambabu, N R. Munirathnam and T L Prakash, Centre for Materials for Electronics Technology, Hyderabad.

"Preparation and characterization of β-PVDF films" Anjana Jain, Kalyan Sundaram, V Vedha Prakash, National Aerospace Laboratories, Bangalore and H.H. Kumar, ARDE, Pashan, Pune

"Effect of Mn^{III} acetylacetonate complexes on the hydrophilicity of nanocrystalline sol-gel derived TiO₂ films by dip-coating technique" Ravi Ranjan Pandey, C P Sharma, K K Saini, Vinod Tanwar, Chandra Kant, Davinder Singh, Balbir Singh, National Physical Laboratory, Dr. K S Krishnan Road, New Delhi and Man Singh, Department of Chemistry, Chemistry Research Lab, Deshbandhu College, University of Delhi, New Delhi.

INFORMATION COLLECTION AND DISSEMINATION SYSTEM

The Technology Information Forecasting and Assessment Council (TIFAC) has identified MRSI as a nodal agency for developing a data base for non-ferrous materials. In this connection, TIFAC has provided financial support to create a data bank on non-ferrous materials at MRSI headquarters, DMRL, Hyderabad dedicated for the purpose of data acquisition and storage pertaining to non-ferrous materials, technologies for their processing and areas of their application. A group of professionals with diverse background in Metallurgy, Computer Science and Library / Information science are working with this project. Presently the data bank consists of 1325 technology records on Non-ferrous Materials and it has published many value-added reports in the area of Non-ferrous Materials.

It has been decided to shift the MRSI/TIFACLINE Unit to ARC-International, Hyderabad. Its scope will be widened to cover the areas of ceramics, powder metallurgy and surface engineering.

PUBLICATIONS

MRSI co-sponsors the publication of Bulletin of Materials Science (BMS) published by the Indian Academy of Sciences. In addition, several special issues of BMS have been brought out. The BMS published 647 pages of scientific articles in 2006. The BMS is available on the internet (<http://www.ias.ac.in/matensci/>). Starting January 2007, the Bulletin of Materials Science is co-published with Springer. Along with hyperlinks to other relevant sites, Springer provides access to the content of the Bulletin worldwide in an online full-text database on Springer link (www.springerlink.com).

MRSI is also bringing out the MRSI Newsletter which includes the 'Calendar of Events' where the forthcoming conferences/symposia/workshops related to Materials Science are listed along with the name and address of the contact persons. The MRSI Newsletter is being edited by Prof. H L Bhat, Dr. R V Krishnan and Dr. T G Ramesh.

The MRSI is continuously updating the electronic membership directory. This can be accessed through the website www.igcar.ernet.in/mrsi. This is an interactive website for interactions amongst its members interested in science and technology of materials.

INTERNATIONAL COOPERATION

MRSI is a founding Adhering Body of the International Union of Materials Research Societies (IUMRS).

IUMRS together with C-MRS, MRS-INDIA, MRS-JAPAN, MRS-KOREA and MRS-TAIWAN reached an important decision in October 1992 to launch a new series of MRS Conference in Asia. The series is titled "The IUMRS International Conference in Asia" or IUMRS-ICA. The first conference of this series, IUMRS-ICA 1993, was organized by C-MRS. Later it was organized by MRS-Taiwan in 1994, MRS-Korea in 1995, MRS-Japan in 1997, MRS India in 1998, MRS China in 1999, MRS Hong Kong in 2000, MRS Mexico in 2001. No conference was held in 2002. MRS Singapore organized the ICA in 2003, MRS Taiwan in 2004. No conference was held in 2005 and MRS Korea organized in 2006.

MRSI hosted the IUMRS-ICA-98 conference in Bangalore during October 13-16, 1998 which was highly successful.

The prestigious conference IUMRS-ICAM is scheduled to be held in Bangalore, during October 8-13, 2007. MRSI Newsletter of July issue contains some updated information about this conference.

MRSI is a founding member of Asia Pacific Academy of Materials (APAM). It has continued its strong links with APAM. Prof. CNR Rao is its Founder President. Currently Prof. Kuznetsov is its President. Prof. S V Subramanyam, former General Secretary of MRSI has been elected as the

Secretary-General of APAM. APAM has members from India, Russia, Japan, China, Uzbekistan, Korea, Taiwan and Australia.

The APAM India chapter holds its annual meeting in conjunction with the AGM of MRSI. APAM-India Chapter has 55 members. Dr. P Ramachandra Rao, one of the Vice Presidents of MRSI is the current President of APAM India Chapter and Prof. O N Srivastava, BHU, Varanasi serves as the Secretary.

HONORARY MEMBERS

(elected during the period 1990-2007)

(year in the bracket indicates the year of election)

Akihisa Inoue, Tohoku University, Japan, (2001)
Alan Windle, University of Cambridge, U.K, (2003)
Alario-Franco M A, Ciudad Universitaria, Spain, (1992)
Aleksandrov Kirill S, L V Kirensky Institute of Physics, Russia, (1992)
Amelinckx S, RUC A Dept. of Physics, Belgium, (1991)
Amiya Mukherjee, University of California, U.S.A, (1997)
Andrade Joseph D, MEB, U.S.A, (1996)
Angell C A, Tempe, Arizona, U.S.A, (1999)
Armstrong Ronald W, Univ. of Maryland, U.S.A, (1995)
Arsenault R J, University of Maryland at College Park, U.S.A, (1995)
Ashby M F, University of Cambridge, U.K, (1990)
Baglin John E E, IBM Almaden Research Center, U.S.A., (1990)
Bentini G C, CNR-Via GOBETTI, Italy, (1992)
Blinic R, J. Stefan Institute, Slovenia, (1992)
Bonfield William, University of Cambridge, U.K, (1993)
Brandon D G, Lehigh University, U.S.A, (1993)
Cahn John W, National Institute of Standards and Technology, U.S.A, (1993)
Cantor Brian, University of Oxford, U.K, (1996)
Catlow C R A, Davy Faraday Laboratory, The Royal Institution, U.K, (1996)
Chakravorthy B K, CNRS Lepes, 25 Avenue De Martyrs, France, (1991)
Chang R P H, Northwestern University, U.S.A, (1990)
Chaudhari Praveen, Watson Research Centre of Physical Sciences, U.S.A, (1990)
Cheetham A K, University of California, U.S.A, (1994)
Chon Min Che, 6-28, Shinkyodong Chongnoku South, Korea, (1992)
Chowdari BVR, National University of Singapore, Singapore 119260, (2001)
Clearfield A, Texas A & M University, U.S.A, (1996)
Cottrell Alan, University of Cambridge, U.K, (1992)
Cyrot-Lackman Francois, IEPES-CNRSC, BP 166X-380, France, (1991)
Day P, The Royal University of Great Britain, U.K, London, (1994)
Dayananda M A, Purdue University, U.S.A, (1997)
Disalvo F J, Baker Laboratory, U.S.A, (1996)

Doyama M, Teikyo University of Science & Technology, Japan, (1990)
Dresselhaus Mildred S, Massachusetts Institute of Technology, U.S.A, (1991)
Edwards P P, The University of Birmingham, U.K, (1995)
Embury J D, McMaster University, Canada, (1993)
Esaki Leo, Shibaura Institute of Technology, Japan, (1995)
Etourneau J, Institut de Chimie de la Matiere Condensee de, France, (1994)
Ferey Gerard, University of Versailles, France, (1998)
Fernando Lund, CIMAT, Chile, (2004)
Frank Karasz, Univ. of Massachusetts, U.S.A, (2003)
Fred Lange, Univ. of California, U.S.A, (2000)
Frolov K V, Russian Academy of Sciences, Russia, (1990)
Fujihara K, Yokohama National University, Japan, (1996)
Fujshima A, University of Tokyo, Tokyo, Japan, (1995)
Gatos Harry C, Massachusetts Institute of Technology, U.S.A, (1991)
George M Whitesides, Harvard University, U.S.A, (0)
Glasow Peter A, D-91054, Germany, (1994)
Gleiter H, Institute of Nanotechnology, Germany, (1994)
Gonzalez Calbet, Universidad Complutense, Spain, (1997)
Goodenough John B, Univ. of Texas (1990)
Granquist C G, Uppsala Universitet, Sweden, (2001)
Greenblatt Martha, RUTGERS, The State University of New Jersey, U.S.A, (1995)
Greenwood G W, Univ. of Sheffield, U.K, (1997)
Greer A L, Univ. of Cambridge, U.K, (2002)
Gschneidner K A, Iowa State University, U.S.A, (1993)
Hagemuller P, Univ. of Bordeaux I, France, (1990)
Heeger A J, Institute of Organic Solids & Polymers, U.S.A, (1998)
Hirsch Peter, Univ. Oxford, U.K, (1990)
Honig Jurgen M, Purdue University, U.S.A, (1990)
Hsiao Tsechiang, Northeast University, China, (1995)
Inokuchi H, National Space Development Agency of Japan, Japan, (1999)
Interante L V, Rensselaer Polytechnic, U.S.A, (1994)
Jack Kenneth H, U.K, (1991)
Jagdish Narayan, North Carolina State University, U.S.A, (2000)
Jain S C, IMEC, Belgium, (2001)
Jayaraman A, Carnegie Institution of Washington, U.S.A, (1990)
Kaldis E, Laborotium Fur Festkorperphysic, Switzerland, (1992)
Khabibullaev P K, Uzbek Academy of Sciences, Uzbekistan, (1992)
Kitazawa Koichi, School of Frontier Sciences, Japan, (1991)
Kishi T, NIMS, Japan (2007)
Knut Urban, am Institut fur Festkorperforschung, Germany, (2000)
Koichi Niihara, Osaka University, Japan, (2001)
Koinuma H, Tokyo Inst. of Technology, Japan, (1996)
Kolster B H, Wentholtweg 9, 721y EE EPSE, Netherlands, (1992)
Kroenig M, Fraunhofer Institute of Non-Destructive Testing, Germany, (2000)
Kroto H W, Univ. of Sussex, U.K, (1992)
Kuo K H, Chinese Academy of Sciences, China, (1992)
Kuznetsov F A, Institute of Inorganic Chemistry, Russia, (1990)
Leslie Eric Cross, The Penn State University, U.S.A, (1994)
Li Heng-De, Tsinghua University, China, (1990)
Livage J, Universite Pierre et Marie Curie 4, France, (1995)
Lucas Jacques, Laboratoire Verres & Céramiques, France, (2005)
Luecke Kurt, Selzerbeeklaan 26, 6297, HW Vaals, Netherlands, (1993)
Mackay A L, Univ. of London, U.K, (1993)
Mahajan Subash, Carnegie Mellon University, U.S.A, (1991)
Margolin Harold, Polytechnical University, U.S.A, (1995)
Martin Jansen, Germany, (2002)
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