

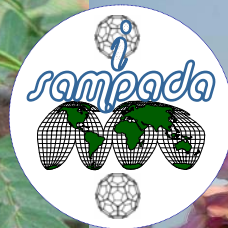
FINAL ANNOUNCEMENT

2nd International Symposium on Advanced Materials and Polymers for Aerospace and Defense Applications (SAMPADA – 2008)

December 8th-12th, 2008

The YASHADA MDC Center

PUNE, INDIA



in Conjunction with Organizations and Sponsors:

University of Pune (UoP), Pune, INDIA
Center for Materials for Electronics Technology (CMET), Pune, INDIA
National Chemical Laboratory (NCL), Pune, INDIA
Materials Research Society (MRSI - Pune Chapter), Pune, INDIA
Reliance Industries Ltd. (RIL), Mumbai, INDIA
Defense Laboratory (DL), Jodhpur, INDIA
Defense Research & Development Organization (DRDO), New Delhi, INDIA
Maharashtra Institute of Technology (MIT), Pune, INDIA
Asian Office of Aerospace Research & Development (AOARD), Tokyo
Air Force Office of Scientific Research (AFOSR),
US Department of Air Force, USA
Office of Naval Research Global (ONR-Global), Science & Technology,
US Department of Navy, USA



2ND INTERNATIONAL SYMPOSIUM ON ADVANCED MATERIALS AND POLYMERS FOR AEROSPACE AND DEFENSE APPLICATIONS (SAMPADA-2008)

December 8th to 12th, 2008

(<http://www.i-sampada.org/sampada-2008/>)

OVERVIEW

Symposium City and Country: PUNE, INDIA

Sponsors: University of Pune (UoP), Pune, INDIA
Center for Materials for Electronic Technology (CMET), Pune, INDIA
National Chemical Laboratory (NCL), Pune, INDIA
Materials Research Society of India (MRSI-Pune Chapter), Pune, INDIA
Reliance Industries Ltd. (RIL), Mumbai, INDIA
Defense Research & Development Organization (DRDO), INDIA
Maharashtra Institute of Technology (MIT), Pune, INDIA
Asian Office of Aerospace Research and Development (AOARD-Tokyo), and Air Force Office of Scientific Research (AFOSR), Department of Air Force, USA
Office of Naval Research Global (ONR-Global), Science & Technology, Department of Navy, USA
Additional Indian & International Defense, Aerospace, Academic, Research Organizations, and Corporations [(TBA) To be announced]

Symposium Venue: MDC Auditorium -YASHADA, Raj Bhavan Complex, Pune-411007, (Maharashtra) INDIA

Onsite Registration: Sunday December 7th, 2008 (3:00PM to 9:00PM) & Monday December 8th, 2008 (7:30AM to 5:00PM)

Symposium Date: Monday December 8th to Friday December 12th, 2008 (8:00AM to 6:00PM)

Public Lectures: December 8th and 9th, 2008 (7:00PM to 8:00PM) (*Tentative*)

Exposition: December 9th to 11th, 2008 (9:00AM to 5:00PM)

Job Fair: Wednesday, December 10th, 2008 (10:00AM to 4:00PM) (*Tentative*)

Poster Session: Wednesday, December 10th, 2008 (4:00PM to 6:00PM)

Laboratory Visit: Wednesday, December 10th, 2008 (7:00PM to 9:00PM) (*Tentative*)

Gala Dinner: Thursday, December 11th, 2008 (7:00PM to 10:30PM)

CENTRAL ORGANIZING COMMITTEE

Honorary Advisor: Dr Narendra JADHAV	Vice Chancellor, University of Pune (UoP), Pune, INDIA
Chairman: Dr. Rohitkumar H. VORA	Advanced Polymer Research & Technologies, PA, USA
Co-Chairmen: Dr. M. P. SRINIVASAN	National University of Singapore (NUS), SINGAPORE
Dr. Swaminathan SIVARAM	National Chemical Laboratory (NCL), Pune, INDIA
Dr. Richard A. VAIA	Materials & Manufacturing Directorate Air Force Research Laboratory (AFRL/ML), Polymer Branch, Wright-Patterson AFB, OH, USA
Dr. Michael GRUNWALD	European Aeronautics Defense and Space Company (EADS), GERMANY
Dr. Narendra Kumar JAIN	Defense Laboratory (DL) / (DRDO), Jodhpur, INDIA
Secretary: Prof. Dilip S. JOAG	Department of Physics, University of Pune (UoP), Pune, INDIA
Treasurer: Dr. Dinesh P. AMALNERKAR	Center for Materials for Electronic Technology (CMET), Pune, INDIA

SCOPE OF THE SYMPOSIUM

Advanced materials and high performance polymers and their technologies specially designed and developed for emerging defense and aerospace applications has started to play a vital role in maintaining security and world peace in the 21st century. Ongoing fundamental and applied research and development of the state-of-the-art aerospace and defense relevant product technologies is being carried out at various academic, research institutes and industrial organizations throughout the world.

In this context, it is expected that the scientific community's effort for a continuing symposium series on novel materials and polymers R&D, synthesis and formulations, characterization, fabrication, and processing, and product technology development as applicable to defense and aerospace will be considered highly appropriate and timely. In particular, the strategic importance of the south Asian and south-east Asian region, and security issues that are of relevance to the region, and space exploration collaborations demands that such a series be conducted in the region.

The 1st international interdisciplinary symposium was entitled:

'Advanced Materials and Polymers for Defense and Aerospace Applications'

It was successfully conducted as a semi-autonomous Symposium W under the auspices of ICMAT 2005 at Singapore from July 3rd to 8th, 2005 organized by the Materials Research Society of Singapore (MRS-S). The symposium was marked by the attendance of leading materials scientists from around the world specializing in advanced materials for defense and aerospace applications. Leading defense and aerospace R & D organizations worldwide were represented. The peer-reviewed proceedings of the symposium were published as a 'Special Issue' titled 'Science and Technology of Advanced Materials and Polymers for Defense and Aerospace Applications' in the *Materials Science and Engineering: Part-B* journal, Volume 132 (1-2) (2006) pp. 1-228 by the Elsevier, UK.

In cognizance of the importance of defense-related materials research in the Indian sub-continent, and to showcase the vast and state-of-the-art capabilities of defense and aerospace research in the region, it is our strong desire and interest to have the next edition of the symposium held in India.

This **2nd International Symposium on Advanced Materials And Polymers For Aerospace And Defense Applications (SAMPADA-2008)** will cover all the important R&D areas and sensitive needs to protect intellectual properties specific to new and emerging materials and polymers, technologies and applications in aerospace and defense industries.

It is expected that the SAMPADA-2008 will provide an exclusive forum for intellectually stimulating and engaging interactions among the leading international scientists to share their recent scientific breakthroughs and achievements, and will attract tremendous interest globally among institutions keen to engage in interactions with the regional bodies to discuss potential business opportunities, as well as various collaborative development of materials and polymer related technologies for aerospace

and defense applications. Technical contributions are welcome in the broad range of relevant areas of the topics given in non-exhaustive list as follows:

TOPICS OF INTEREST

High Performance and Smart Materials

- High energy, and high temperature materials
- Shape memory alloys and nano-structures
- Magnetostrictive materials
- Propulsion and power materials: high-strength, low-loss magnetic materials for power generators and Photo-voltaic cells
- Electronic materials, semiconductor lasers, and superconducting composite conductors
- Optical Materials: LED, Quantum dots, optical fiber sensors, and fibrous or filamentary materials: Quartz and leached glass optical fibers
- Materials for survivability; ballistic protection and armor materials: Silicon carbide, Titanium diboride, Boron carbide, Tungsten kinetic-energy penetrators and anti-armor, depleted Uranium kinetic-energy penetrators and anti-armor, and Copper or Tantalum shaped-charge liners and anti-armor
- Powder metallurgy, intermetallic alloys, powder production, handling, and consolidation
- Explosives powder production, and handling Ultrahigh-strength and high-toughness steel, Aluminum-Lithium alloys and Nickel-based alloys
- Light weight Titanium alloys, Titanium aluminides, Aluminum-Magnesium composites
- Development or production of pyrolytically derived materials, and synthetic diamonds
- Thermal barrier coatings and insulation films

Specialty Chemicals and Polymer materials

- Polyimides, POSS and other high performance, high-temperature stable & high-strength polymers
- Supramolecular materials and formulations
- Carbon/Boron Nanotubes modified polymers, polymeric coatings, adhesives, sealant, encapsulants, foams, ionic salts, solid electrolytes, hydrogen storage materials, and resinous matrix materials for composite structures and laminates
- Conducting, organic photovoltaic, opto/electro, bioactive and chemiluminescent polymers, low-*k* polymers
- Polymeric and ceramic membranes for liquid, VOC and gas barrier, and separation
- High-strength polymers, fibers and fabrics therefrom, continuous carbon fibrous or filamentary materials and sintered polymer shapes
- Bio-chemicals, bio-polymers, and bio-diesel fuel
- Materials for surface modification, anti-fouling and camouflage

Multi-Compositional and Nano Materials

- High performance ceramics, conventional polymeric resin-organic/inorganic fibers composites, organo clays, nano-clay minerals, Carbon/Boron Nanotubes based polymer-nanocomposites, organic/inorganic polymers hybrids and nanostructured composites (Ceramers, Metamers, Metacers) and nano particles,
- Polymers blends and materials alloys, magnetic nanocrystalline alloys and composites, Aluminum and Aluminum alloy matrix composites, Titanium-alloy matrix composites
- Composite materials and thin film coatings specially designed for kinetic energy absorption to resist explosion and fragmentation, or to impede shock-wave transmission and blast mitigation

- Resin impregnated fibers, prepregs based on fibrous or filamentary reinforcements. Finished polymer matrix composite parts or laminates
- Carbon fiber carbon matrix composites
- Ceramic fiber reinforced ceramic matrix composites and membranes
- Low- and high- *k* nano materials and dielectrics
- MEMS, NEMS and nano-fluidic devices
- Bio-inspired nanomaterials

Design, Synthesis, Characterization, Processing, Engineering and Reliability Testing Methodology

- Molecular and mathematical modeling and simulation, molecular and nano-level design, synthesis of advanced materials and polymers
- Reactor system design and engineering: Supercritical carbon dioxide reactor, LB-film reactor, Cryogenic chemical reactor, Ultrahigh pressure reactor, Ultrahigh vacuum reactor
- Novel processing and fabrication methods
- Electro-plating and electroless-plating methods
- Characterization, properties modification, adhesion, mechanical, electrical and thermal stability, corrosion and tribological aspects
- Analytical techniques and methodology development and instrumentation designing
- Devices and hardware's structural designs. Testing methodologies for their structural reliability

Materials Application and Technology in Defense and Aerospace

- Composites for reusable launch vehicles (RLVs): High-strength and high-temperature stable structural materials and composites
- Cryogenic engines, ramjets, scramjets, turbines, reactors, rocketry/missiles, aircraft, ships, submarines, satellites, trans-atmospheric vehicles (manned and un-manned) and launchers, and space structures, military hardware, energy conversion and storage, fuels, propellants and propulsion systems
- High energy impact absorbers and projectiles
- Armor penetration, anti-armor and armor protection
- Transparent armor, and all terrain camouflage and protective clothing and gears
- Pressure-less sintered α -silicon carbide whisker reinforced ceramic and Kevlar® fiber matrix composite for lightweight armor application
- Proton exchange membrane, thin film polymer electrolytes, Lithium ion battery systems
- Light weight ultrahigh-strength and high-toughness polymeric materials, metal alloys, and composites for automotives and locomotives
- Polymer electronics and thin film displays
- Polymer molecule based photonic muscles adaptive optics
- Optical limiting, imaging, radar, microwave signature detection, absorption and deflection
- Electro-active camouflage coatings & devices
- Chemical and bio- warfare gears, sensors, transducers, and protection mask
- Deep sea geo-thermal energy harnessing
- Solar sails, stratosphere and outer space floating antenna and mirrors, and telescopes
- Aerospace food and medical engineering and technology

Intellectual Property (IP) of the State-of-the-Art Materials and Polymers and Technologies

National and International Intellectual Property (IP) Protection through World Treaty and Patents:

Besides the intellectual property (IP) of materials, polymers, technologies and applications listed above, the IP creation, development and protection of the following additional technologies which are of significant relevance and importance in 21st century:

- Hydrogen fuel cells, and metal ion batteries; organic photo-voltaic (OPV) materials and cells production for harnessing of solar energy; wind (high efficiency turbines) based energy generation, conversion and transportation, and CO₂ sequestering and storage
- Safe recovery & recycling of plastic waste for energy
- Advanced, safe, efficient and environmentally economical petrochemical refining processes
- Safe recovery of fissionable minerals, methane hydrates solids, and energy harnessing from deep-sea & hydro-thermal vents, and sea bed oil exploration
- Bio-inspired materials, bio-diesel fuel, bio-compatible plastics

- bio-chemicals production, bio-enzymatic processes, and processing engineering
- Small molecules and pharmaceutical drug discovery and delivery system
- Sensor technology: chemical and biological
- Thermal protection and high energy materials
- Nano-structured materials and nano-fluidic devices
- Photonics and semiconductor materials and lasers
- Micro-electronics and bio-chips
- Stone matrix asphalt (SMA) and Cementitious materials technologies for all terrain roads, bridges, tunnels, & defense structures construction
- Heat management uniforms for desert war areas
- Materials and polymers for control of green house gases, global warming and earth and aerospace environmental pollution,
- Potable drinking water from brackish ground and sea water, and from humid air
- Arboriculture for arid and semi-arid regions through genetics engineering, genomics, etc.
- State-of-the-art analytical equipment, techniques and methodology development

SYMPOSIUM SPEAKERS

Plenary Speakers:

Dr. R. CHIDAMBARAM
Dr. Thomas W. HUSSEY
Dr. G. Madhavan NAIR
Dr. Bhakta B. RATH

Office of Principal Scientific Advisor to the Govt. of India, New Delhi, INDIA
Air Force Office of Scientific Research (AFOSR), Arlington, VA, USA
Indian Space Research Organization (ISRO), Bangalore, INDIA
Materials Science & Component Technology Directorate, Naval Research Laboratory (NRL), US Navy, Washington DC, USA (Tentative)

Keynote Speakers:

Dr. Sujit BANERJI

Polymers Business & Integrated R&T, Reliance Research & Technology Centre (RRTC)
Reliance Industries Ltd. (RIL), Mumbai, INDIA

Dr. Kenneth C. GORETTA
Dr. Rajesh R. NAIK
Dr. K. RADHAKRISHNAN
Dr. Steven G. REZNICK

Asian Office of Aerospace Research & Development (AOARD), Tokyo, JAPAN, (Tentative)
Air Force Research Laboratory (AFRL/ML), Wright-Patterson AFB, OH, USA
Vikram Sarabhai Space Center (VSSC), Trivandrum, INDIA
NASA Langley Research Center (LaRC-D3), Hampton, VA, USABA (Tentative)

Invited Speakers: [Partial List]

Prof. Marc J. M. ABADIE
Prof. Zahoor AHMAD
Dr. Srikumar BANERJEE
Prof. Kalyan K. BANERJI
Dr. Sushil Kumar CHADDA
Dr. J. Narayana DAS
Prof. Nandika A. D'SOUZA
Dr. M. ENAMUTHU
Dr. Mahesh V. HOSUR
Dr. Michael JAFFE
Prof. Subhash C. JAIN
Dr. Sanjay Kumar JATTI
Dr. R. JAYAGANTHAN

Polymers & Organic Materials Laboratory, University of Montpellier, FRANCE
Department of Chemistry, Kuwait University, Safat, KUWAIT
Bhabha Atomic Research Center (BARC), Mumbai, INDIA
National Law University (NLU), Jodhpur, INDIA
Bharat Forge Ltd. (BFL), Pune, INDIA
Naval Materials Research Laboratory (NMRL), Ambernath, INDIA
Department of Materials Science and Engineering, University of North Texas, Denton, TX, USA
Vikram Sarabhai Space Centre (VSSC), ISRO, Thiruvananthapuram, INDIA
Center for Advanced Materials, Tuskegee University, Tuskegee, AL, USA
Medical Device Concept Laboratory (MDCL) - NJIT, NJ, USA
Department of Chemistry, University of Delhi (UD), Delhi, INDIA
Ashapura Minechem, Ltd. Mumbai, INDIA
Dept of Metallurgical & Materials Engineering, Indian Institute of Technology- Roorkee (IIT-R) Roorkee, INDIA

Dr. Srikant JOSHI
Prof. Masa-aki KAKIMOTO
Prof. Dwarkanath D. KALE
Prof. Ajit D. KELKAR
Prof. Devang V. KHAKHAR
Prof. S. B. KRUPANIDHI
Dr. D. Sakthi KUMAR
Dr. Surendra KUMAR
Prof. Prashant N. KUMTA
Dr. Kreisler S. Y. LAU
Dr. Dmitri LIKHATCHEV
Dr. Geoffrey A. LINDSAY

Int'l. Adv. Research Centre (IARC) for Powder Metallurgy and New Materials, Hyderabad, INDIA
Tokyo Institute of Technology (TIT), JAPAN
Reliance Industries Ltd. (RIL), Mumbai, INDIA
North Carolina A&T State University, NC, USA
Indian Institute of Technology (IIT- Bombay) Mumbai, INDIA
Indian Institute of Science (IISc), Bangalore, INDIA
Bio-Nano Electronics Research Center, TOYO University Saitama, JAPAN
Armament Research & Development Establishment (ARDE), Pune, INDIA
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Department of Navy, CA, USA

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Dr. Mahesh Chand MITTAL
Prof. Shabbir M. MOOCHHALA

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Vikram Sarabhai Space Centre (VSSC), ISRO, Thiruvananthapuram, INDIA
Center for Biomedical Sciences, Defense Medical & Environmental Research Institute (DMERI) – Defense Science Organization (DSO), SINGAPORE

Dr. M. NATRAJAN
Prof. Christopher K. OBER
Prof. Michael R. PHIPOTT
Prof. Panchanan PRAMANIK
Dr. K. U. Bhaskara RAO

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University of California – Berkeley, CA, USA
Nano-Materials Laboratory, Indian Institute of Technology, (IIT Kharagpur) Kharagpur, INDIA
Defense Materials & Stores R & D Establishment (DMSRDE), DRDO, Kanpur, INDIA

Prof. Moonhor REE
Dr. Ajit K. ROY
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Prof. Alexandre L. RUSANOV
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A.N.M. Institute of Organoelement Compounds, Russian Academy of Sciences, Moscow, RUSSIA
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Prof. Tsutomu TAKEICHI
Dr. Narayanan VENKAT
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Air Force Research Laboratory, Nanostructured and Biological Materials Branch (AFRL/RXBN), Wright-Patterson Air Force Base, OH, USA

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Air Force Research Laboratory, Materials & Manufacturing Directorate (AFRL/ML), Wright-Patterson AFB, OH, USA

Prof. Randy WEINSTEIN
Prof. Ganapati D. YADAV
Chemical Engineering department, Villanova University, Villanova, PA, USA
University Institute of Chemical Technology (UICET), University of Bombay, Mumbai, INDIA

SCIENTIFIC ADVISORY PANELS

International Scientific Advisory Panel

Prof. Marc J. M. ABADIE
Prof. Zahoor AHMAD
Prof. Suat Hong GOH
Dr. Kenneth C. GORETTA
Dr. Michael JAFFE
Prof. Masa-aki KAKIMOTO
Prof. Ajit D. KELKAR
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Russian Corporation of Nanotechnologies (RCNT), Moscow, RUSSIA
Research Dept. Polymer Science and Engineering Branch, China Lake Naval Weapon Station, US Navy, CA, USA

Dr. Kashmiri L. MITTAL
Prof. Shabbir M. MOOCHHALA
Journal of Adhesion Science and Technology, NY, USA
Center for Biomedical Sciences, Defense Medical & Environmental Research Institute (DMERI) – Defense Science Organization (DSO), SINGAPORE

Dr. Rajesh R. NAIK
Prof. Christopher K. OBER
Dr. Chong ONG
Prof. Michael R. PHILPOTT
Prof. Ajay Kumar RAY
Prof. Moonhor REE
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National Scientific Advisory Panel

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Prof. Kalyan K. BANERJI
Dr. Jubaraj Bikash BARUAH
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Prof. K. CHATTOPADHYAYA
Dr. J. Narayana DAS
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Prof. Namdeo S. GAJBHIYE
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Prof. Vinod C. MALSE
Dr. Mahesh Chand MITTAL
Dr. M. NATRAJAN
Dr. Lalit M PATNAIK
Dr. Uday P. PHADKE
Dr. J. R. SHARMA
Dr. A. Subhananda RAO
Dr. K. U. Bhaskara RAO
Materials Research Laboratory, Jamia Millia Islamia University (JMIU), New Delhi
Bhabha Atomic Research Center (BARC), Mumbai
National Law University (NLU), Jodhpur
Indian Institute of Technology (IIT-Guwahati), Guwahati
Bharat Forge Ltd. (BFL), Pune
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Advanced System Laboratory (ASL), Hyderabad
Vikram Sarabhai Space Centre (VSSC), ISRO, Thiruvananthapuram
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International Advanced Research Centre (IARC) - Powder Metallurgy & New Materials, Hyderabad
Reliance Industries Ltd. (RIL), Mumbai
Indian Institute of Technology (IIT- Bombay), Mumbai
Aeronautical Development Establishment (ADE), Bangalore
Indian Institute of Science (IISc), Bangalore
Department of Information Technology (DIT), Government of India, New Delhi
Armament Research & Development Establishment (ARDE)/DRDO, Pune
National Physical Laboratory (NPL), New Delhi
Indian Institute of Science (IISc), Bangalore
University Institute of Chemical Technology (UICET), University of Bombay, Mumbai
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High Energy Materials Research Laboratory (HEMRL)/DRDO, Pune
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Dr. Vijay Kumar SARASWAT	Defense Research & Development Organization (DRDO, HQ), New Delhi
Dr. P. S. SUBRAMANIAN	Aeronautical Development Agency (ADA), Bangalore
Dr. G. SUNDERARAJAN	Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Balapur, Hyderabad
Dr. A. R. UPADHYAYA	National Aerospace Laboratories (NAL), Bangalore
Dr. Manish Chandra UTTAM	UoP-DRDO/ISRO Technology Cell, University of Pune (UoP), Pune
Dr. S. R. VADERA	Defense Laboratory (DL) / (DRDO), Jodhpur
Prof. Pandit B. VIDYASAGAR	Board of College and University Development (BCUD), University of Pune (UoP), Pune.
Dr. K. P. R. VITTAL	Central Arid Zone Research Institute (CAZRI), Jodhpur

LOCAL ORGANIZING COMMITTEE

Chairman: Prof. Shankar I. PATIL	Department of Physics, University of Pune (UoP), Pune
Co-Chairman: Dr. S. RADHAKRISHNAN	National Chemical laboratory (NCL) Pune
Convener: Dr. Suresh. W. GOSAVI	Department of Physics, University of Pune (UoP), Pune
Co-Convener: Dr. Uttamrao P. MULIK	Center for Materials for Electronic Technology (CMET), Pune
Jt. Treasurer: Dr. Bharat B. KALE	Center for Materials for Electronic Technology (CMET), Pune
Members: Dr. Shrinandan ASTHANA	High Energy Materials Research Laboratory (HEMRL)/DRDO, Pune
Dr. Anand BHALERAO	College of Engineering, Bharati Vidyapeeth University (BVU), Pune
Prof.(Mrs.) Sudha V. BHORASKAR	Department of Physics, University of Pune (UoP) Pune
Prof. Abhay J HAKE	M.E.S. Wadia College of Engineering, Pune
Dr. Sandesh R. JADKAR	Department of Physics, University of Pune (UoP) Pune
Prof. Mangesh T. KARAD	Maharashtra Institute of Technology (MIT), Pune
Dr. Pawan K. KHANNA	Center for Materials for Electronic Technology (CMET), Pune
Dr. Harishchandra H. KUMAR	Armament Research & Development Establishment (ARDE)/DRDO, Pune
Dr. Arvind K. NIKUMBH	Department of Chemistry, University of Pune (UoP) Pune
Dr. Mahendra A. MORE	Department of Physics, University of Pune (UoP) Pune
Dr. Imtiaz S. MULLA	National Chemical laboratory (NCL) Pune
Dr. Satish B. OGALE	National Chemical laboratory (NCL) Pune
Dr. Sunit B. RANE	Center for Materials for Electronic Technology (CMET), Pune
Dr. Rishi B. SHARMA	Defense Institute of Advanced Technology (DIAT)/DRDO, Pune
Dr. Prakash WADGAONKAR	National Chemical Laboratory (NCL), Pune

REGISTRATION and SPONSORSHIP

Type of Participant	Early Bird Rate Until Sep. 30 th 2008	Regular: From Oct. 1 st 2008 Until Nov. 30 th 2008	A week prior to and On-site on Symposium days
DELEGATE	US \$ 450* (Rs. 6000**)	US \$ 500* (Rs. 7000**)	US \$ 550* (Rs. 8000**)
STUDENT	US \$ 225* (Rs. 3000**)	US \$ 250* (Rs. 3500**)	US \$ 275* (Rs. 4000**)
ACCOMPANYING PERSON***	US \$ 150* (Rs. 2000**)		
SPONSOR (Individual, Corporation, Government Organization, Research and Academic Organization)	Dedicated Supporter [†]	US \$ 1000* (Rs. 30000**)	
	Silver Sponsor ^{††}	US \$ 2000* (Rs. 50000**)	
	Gold Sponsor ^{†††}	US \$ 5000* (Rs. 150000**)	
	Platinum Sponsor ^{††††}	US \$ 10000* (Rs. 300000**)	
	Grand Patron ^{†††††}	US \$ 25000* (Rs. 1000000**)	

EXHIBITION BOOTH

Besides the symposium, an EXHIBITION for Showcasing/Promotion of the state-of-the-art Technology and/or Products is being planned for two and half days. It will be held from 9:00 AM Tuesday, December 9th, 2008 to 1:00 PM Thursday, December 11th, 2008 at the special exhibition/exposition area during the Symposium event.

Each Standard 10' x 10' Display Booth Space Unit will be provided with one 3' x 5' Table, two Chairs, one built in Fluorescent Tube Light and two 220-240 volt electrical outlets, one flower plant pot and one single color, pre-printed 8' x 3' long Company Name Banner. For additional equipment available for rent, please inquire after **July 31st, 2008**.

Display Booth Space Unit Booking Fee:		
Early Booking:	From Jun. 1 st , 2008 until Aug. 31 st , 2008	US \$ 2000* (Rs. 50000**)
Regular Booking:	From Sep. 1 st , 2008 until Nov. 30 th , 2008	US \$ 2500* (Rs. 62500**)
Late Booking [#] :	From Dec. 1 st , 2008 until Dec. 8 th , 2008	US \$ 3000* (Rs. 75000**) [[#] Only if Booth Space is available]
Corner Booth:	Available at <u>additional fee</u> of US \$ 200* (Rs. 5000**)	
Island Booth:	Available at <u>additional fee</u> of US \$ 400* (Rs. 10000**)	

PUBLICITY ADVERTISEMENT IN SYMPOSIUM PROGRAM BOOK

Advertisement Type and Fee	Black & White (Standard)	Color (At additional cost)
Inside back cover Full page	US \$ 400* (Rs. 8000**)	Additional US \$ 400* (Rs. 8000**)
Full page	US \$ 300* (Rs. 6000**)	Additional US \$ 300* (Rs. 6000**)
Half page	US \$ 200* (Rs. 4000**)	Additional US \$ 200* (Rs. 4000**)
Quarter page	US \$ 100* (Rs. 2000**)	Additional US \$ 100* (Rs. 2000**)

All advertisement must be booked latest by **November 1st 2008**

FINANCIAL ASSISTANCE:

In the interest of promotion of significant global science and technology interaction amongst the **Foreign and Indian students, PhD research scholars, postdoctoral fellows, young budding chemists, scientists and engineers with the seasoned and experienced scientists, engineers and academicians**, the SAMPADA-2008 Organizing Committee actively encourages participation in the conference. SAMPADA-2008 Organizing Committee is considering to provide a financial support in form of partial waiver of Registration Fee under the limited Financial Assistance Program, on a first come first served basis. Student, young scientist/engineer applicants for financial assistance must submit letters of recommendation from their supervisors and heads of departments (on the organization's official letterhead/stationery). The level of funding to be made available for the program is not determined yet. Please contact your region's contact person for further information, only after **July 15th, 2008**.

Generous monetary support from the Individuals, Corporations, Government Organizations, Research Institutes and Academic Organizations in the form of SAMPADA-2008 SPONSORSHIP will be welcomed and highly appreciated.

JOB FAIR

In addition, the SAMPADA-2008 organizing committee will host a **Job Fair** on Wednesday, December 10th, from 10 AM to 4 PM for fresh graduates as well as experienced professionals (scientist, chemist and engineers) who are looking for industrial and academic jobs. The event will be held subject to favorable response from prospective employers.

IMPORTANT TERMS & CONDITIONS NOTICE:

Credit Card Payment method is not available.

Payments should be made in favor of "**MRSI-SAMPADA-2008**" payable at Pune, India

Conference's Indian Bank: CANARA BANK

(Panchawati Pashan Branch. Branch Phone: + (91) – (20) - 2588 6260)

Bank Address: Madhukunj Co-Op Housing Society, Panchawati, Pashan, Pune-411008 INDIA

Account Number: 2811SB1947

SWIFT Code: CNRBINBBPFD8900033320

- **Registration Fee will cover full participation in Symposium. It will also cover Symposium material, free tea/coffee and lunches and an admission to the Gala Dinner Program.**

* Registration Fee for the Foreign Delegate and Student (**including** Non-Resident Indian (NRI) as well as Overseas Citizen of India (OCI) and Person of Indian Origin (PIO) card holders), and Individual, Corporation, Government Organization, Research Institute and Academic Organization, and Sponsorship Fee has to be **paid in full** by the **Bank Demand Draft** or **Wire Transfer** (in **US Dollar only**) from their foreign bank payable through the bank's local '**Corresponding Bank**' in India.

- **Personal bank cheque in any foreign currency will not be accepted.**

** Registration Fee for the Indian (Citizen) Delegate and Student (**excluding** Non-Resident Indian (NRI) as well as Overseas Citizen of India (OCI) and Person of Indian Origin (PIO) card holders), and Individual, Corporation, Government Organization, Research Institute and Academic Organization, and Sponsorship Fee has to be **paid in full** by the **Bank Demand Draft** or **Wire Transfer** in **Indian Rupee only**.

- **Personal bank cheque in Indian Rupee will not be accepted.**

*** An '**Accompanying Person**' can be either a **Spouse** or **Child** or a **Business Associate** of the Delegate, Student or Sponsor.

- An Accompanying Person can attend the symposium as a spectator only. An Accompanying Person will not receive any conference materials. An Accompanying Person will not be allowed to present any Technical paper(s) (Oral and/or Poster presentation). An Accompanying Person will be allowed to attend the Gala Dinner Program.
- The payment method for the Accompanying Person's Registration Fee is the same as those for the Foreign and Indian Delegates and Students.

† Dedicated Supporter will receive **One Complimentary Registration Pass** for **full participation** in the Symposium

†† Silver Sponsor will receive **Two Complimentary Registration Passes** for **full participation** in the Symposium

††† Gold Sponsor will receive **Three Complimentary Registration Passes** for **full participation** in the Symposium

†††† Platinum Sponsor will receive **Five Complimentary Registration Passes** for **full participation** in the Symposium

††††† Grand Sponsor will receive **Ten Complimentary Registration Passes** for **full participation** in the Symposium

- All Individual, Corporation, Government Organization, Research and Academic Organization Sponsor's name will be displayed at the Symposium Venue and/or listed in the Symposium Program Book.

- **Payment method for Booth and Advertisement booking is the same as those for the Foreign and Indian Sponsor.**

- For Booths booked before November 15th, 2008, the Exhibitor's name will be listed in the Symposium Program Book

- Exhibitor will receive **Two Complimentary Admission Passes** for its representatives to manage their Booth.

- Exhibitor will receive **Two Complimentary Passes** for Gala Dinner Program.

- Advertiser will receive **One Complimentary Admission Pass** for attending the Symposium and Gala Dinner Program.

- Exhibitor and Advertiser **will be** allowed to attend the symposium as a spectator only.

- Exhibitor and Advertiser **will not be** allowed to present any Technical paper(s) (Oral and/or Poster presentation).

- Exhibitor and Advertiser **will receive** a copy of the Symposium Program Book.

For Additional Benefits, please read Sponsorships, Exhibition & Advertisement Prospectus at SAMPADA-2008 Website.

CANCELLATION:

Last date of **Cancellation** of all **Registration** for SAMPADA-2008 events without a penalty of 50% of the Fee is **October 31st, 2008**. Only the **50% of Fee will be refunded** for the cancellation made between **November 1st, 2008** to **November 30th, 2008**. No refund will be issued for cancellation made from December 1st, 2008 onward.

Last date of **Cancellation** of **Exhibition Booth** and **Advertisement booking** for SAMPADA-2008 with a penalty of 50% of the booking Fee is **October 31st, 2008**. No refund will be issued for cancellation made from November 1st, 2008 onward.

LIABILITY/DISCLAIMER:

The Organizers of SAMPADA-2008 shall not be held responsible for personal accidents, illness, losses or damage to private property of registered delegates. Delegates are advised to arrange for their personal insurance for the duration of the conference and personal travel itinerary and tours.

Whilst every attempt will be made to ensure that all aspects of the conference mentioned in this announcement will take place as scheduled, the Organizing Committees reserves the right to make last minute changes or cancellation should the need arise without prior notice.

ABOUT THE CITY OF PUNE:

Pune is the historical and cultural capital of the State of Maharashtra. Historic seat of the great Maratha empire, Pune was a strong hold of the Peshwas under the illustrious king Maharaja Chatrapati Shivaji's highly distinguished and noble rule in the seventeenth century. Pune is also its educational capital. Known as the Queen of Deccan for its quality educational institutions; it attracts academicians and students alike from all across India and also from different parts of the world. At 560 meters above sea level Pune is situated about 160 km south of major city of Mumbai; the commercial capital of India. Its picturesque natural

surroundings, pristine weather conditions and cosmopolitan ethos are the major attractions. Since last twenty five years Pune, the second most important and vibrant industrial city developing at faster pace. Pune have emerged as the hot destination for investors, multinational companies (MNC), automotive industries, IT and bio- pharma R&D parks, BPOs and academic research organizations. Pune has established itself as an automobile and engineering R&D hub as well.

Pune is easily accessible by air and train from all the major cities in India like New Delhi, Mumbai, Chennai, Bangalore, Ahmedabad, Hyderabad, etc. Pune is also well connected by international standard road network to cities in India. From Mumbai (Dadar Taxi and Bus Terminus) Pune is easily reached by Taxis, and MSRTC Buses and Private Buses plying regularly through the 'scenic' mountainous Western Ghats. Besides hill-stations near Pune, other places of tourist attractions in Maharashtra are Nasik, (220km), Kolhapur (225km), Aurangabad (240km), Shirdi (350km), and Nagpur (750km), and Panaji - Goa (470km), etc.

INDIAN VISA:

All the Foreign Delegates will need a VISA to enter India. Business and academic VISA may take longer to process. Hence, an early application is recommended. An 'Acceptance Letter' for technical paper and/or poster presentation(s) will be sent to all 'Presenting Authors'. Passport must be valid for travel for at least six months beyond the conference ending date. For Indian Visa Application Form, please contact Indian Embassy or Mission. website: http://india.gov.in/overseas/indian_missions.php. A 'Letter of Invitation' from the Chairman or Secretary of SAMPADA-2008 Central Organizing Committee will be sent upon request to all the delegates who want to attend and/or participate in the SAMPADA-2008 Conference, provided their registration fee is received in full. These letters can be used as supporting documents for the VISA application.

ACCOMMODATION:

Hotel accommodation will be available for Foreign and Indian delegates in Pune at reasonable rates costing from **US \$ 50 to US \$ 150** per day. Limited arrangement will be made in Government Guest Houses or nearby Institutions for the **Foreign and Indian student delegates only**, on **first come first served basis**.

Delegates are encouraged to book their hotel accommodations well in advance directly through a reputed travel agent in their own country. For the details of Maharashtra Tourism Development Corporation (MTDC) run resorts or hotels, and travel to city of Pune, please visit the MTDC's website: <http://www.maharashtratourism.gov.in/index/index.aspx>

SUBMISSION OF ABSTRACT AND MANUSCRIPT:

All Participants for oral and poster presentations are invited to submit from **June 1st, 2008** until **September 30th, 2008**, a one page Abstract text not exceeding 300 words (Font size 12, Time New Roman, Single line) clearly indicating the objectives and results of the work done in the scientific and technical areas specified under the scope and topics of interest. Abstract(s) must not contain references or figures or tables. Abstract(s) submitted after **September 30th, 2008** **may not** be reviewed or accepted.

Manuscripts of Technical Papers (with a maximum page limit of 4) must be submitted **no later than October 30th, 2008**.

Special Note for all Young Scientists, Engineers, PhD Scholars and Postdoctoral Fellows: Young researcher who are actively involved in the research areas of advanced polymers and materials with the relevance to the scope and topics of interest of SAMPADA-2008, and intend to participate and present a technical paper or poster must forward their carefully proof read Abstract document through their supervisors only.

Instructions to Authors:

- All 'Presenting' authors must register for the SAMPADA-2008 Symposium to present their oral paper/poster.
- Maximum **two** technical papers or posters per 'Presenting' author will be allowed.
- The title, and all authors' names, and their affiliations should be given above the Abstract text.
 - Only the 'Presenting' author's name should be **underlined**.
 - Maximum five 'Keywords' must be provided below the abstract text.
- **Only one** 'Corresponding Author *' will be allowed/permitted.
 - * The Corresponding Author's contact phone and fax numbers, and e-Mail ID should be properly given below the 'Keywords'.
- Only the 'Presenting' author will receive a copy of the SAMPADA-2008 Symposium Proceedings.
- Abstract and Manuscript documents must be sent via e-Mail only to your region's contact person.

PROCEEDINGS OF THE SAMPADA-2008

The Proceedings of the SAMPADA-2008 Symposium will be published in a reputed peer-reviewed international scientific journal or publication.

IMPORTANT DEADLINES

- **Submission of Abstracts:** from **June 1st, 2008** until **October 15th, 2008**
- **Notification of Acceptance of Abstracts:** from **August 1st, 2008** until **October 30th, 2008**
- **Last date of Receipt of 4 Pages Manuscript:** **October 30th, 2008**
- **Early Bird Registration:** from **June 1st, 2008** until **September 30th, 2008**
- **SAMPADA-2008 Conference:** from **December 8th, 2008** to **December 12th, 2008**

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