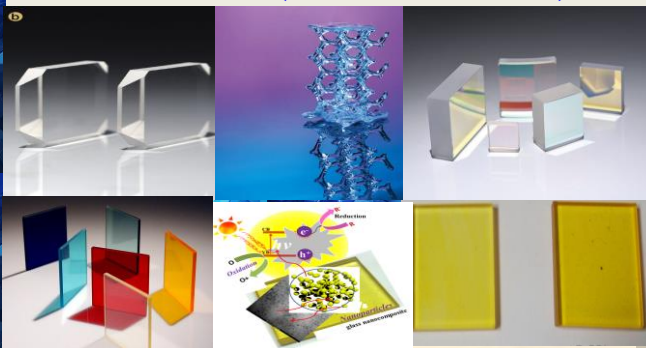


INTERNATIONAL YEAR OF GLASS



International Conference on Functional Glasses / Glass- Ceramics (ICFGGC-2022)



November 24-25 2022

Organized by

**C-MET Pune in Association with MRSI
Mumbai and Pune Chapters**

Mode: Hybrid

Venue: C-MET, Pune



C-MET PUNE

Dr Bharat Kale, DG-C-MET, Chairman

Dr. G.P. Kothiyal, Co-Chairman

Address for Correspondence

Dr. Tanay Seth (Convener)

Dr. P. V. Adhyapak (Co-Treasurer)

**Centre for Materials for Electronics Technology,
Panchwati, Off. Pashan Road, Pune-411008**

Email: icfggc22@gmail.com

Mobile: 8459623539 Tel.: +91(020) 25899273

ABOUT CONFERENCE

The United Nations proclaimed Year 2022 as an International Year of Glass (IYOg), in its General Assembly on 18th May 2021. Glass has long been changing the game. From early obsidian tools to revolutionary advancements in modern science and technology, from the Venetian masters to the American Studio Glass movement and beyond, glass has been a trusted tool and commodity, shaping cultures on almost every continent. Glass has transformed and illuminated the world we live in, right up to and including the COVID-19 pandemic. During this COVID-19 time optical fiber was essential to keeping people connected virtually and glass vials have delivered life-saving vaccines to millions across the globe. To celebrate IYOg, Materials Research Society of India (MRSI) Mumbai-Chapter, MRSI Subject Group: Ceramics and Glasses (Including Building materials), and Materials Research Society of India Pune Chapter in association with Centre for Materials for Electronics Technology (C-MET), Pune will be organizing a 2 day an International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022) in hybrid mode, during November 24-25, 2022. Invited talks by the speakers from India and abroad, and contributed papers along with industrial participation will form a broad framework of the symposium. Since there are research and development efforts going on in different laboratories/institutions and industries in the country on glasses/glass-ceramics, for laser host/communication, optical gadgets/devices, radioactive waste immobilization, radiation shielding, encapsulation/sealing, biomaterials, etc., a large number of participation from all India is expected. This symposium will provide a common platform for different researchers, technologists and industry to share their experiences/expertise related to these technologically important areas.

ABOUT ORGANISERS: C-MET& MRSI

Dedicated to the furtherance of competent research and development in the firmament of Electronic Materials, the **Centre for Materials for Electronics Technology (C-MET)**, functions as an autonomous scientific Society under Ministry of Electronics & Information Technology, (MeitY), and Govt. of India. R&D activities in C-MET at present include development of intrinsic electronic packaging, Nano-materials and devices, glass nanocomposites, ultra-high purity materials/refractory materials and metals, materials for renewable energy, piezo sensors and actuators, opto-electronic materials, thick film materials, polymers for electronics, semiconductors, electronic ceramics and fine powder processing.

Materials Research Society of India (MRSI) is an interdisciplinary professional body dedicated for the growth of indigenous research and development in the area of materials science & engineering and its applications. It stimulates accelerated research and development activities in a wide range of materials and their application. **Ceramics and Glasses (Including Building Materials)** is one of the Subject Groups of MRSI.

MRSI MRSI Mumbai and Pune-Chapters are engaged in promoting materials research in and around Mumbai, Pune regions. Have organized several theme Symposia, Seminars, Workshops, MRSI Annual Special lectures

SCOPE OF THE CONFERENCE

Following topics covering Physics/Chemistry and Engineering aspects of Glass and Glass-ceramics will be discussed:

- Synthesis/production- techniques, new methods/ issues
- Materials characterization: thermal, mechanical, structural and optical
- Computational modelling / simulation studies in Glasses
- Materials for Laser applications-materials, optical properties, devices
- Radiation resistance/ shielding
- Radioactive waste immobilization -materials, properties, long term behavior
- Encapsulation/sealing – materials for ambient and high temperatures, properties, interface behavior
- Biomedical applications related materials and processes
- Glass fibers/components & applications
- Devices/components and related instrumentations
- Industrial perspective in Indian context

INTERNATIONAL ADVISORY COMMITTEE

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Shri S. Somanath, Chairman, ISRO and Seceratry DOS

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Mr P.K. Kheruka, Borosil Renewables Limited, Mumbai

Mr. Jaideep Kumar Mishra, Ad Secretary, MeitY

Dr Sunita Varma GC R & D Electronics, MeitY

NATIONAL ORGANIZING COMMITTEE

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Dr. G.P. Kothiyal *Ex-BARC, MRSI, Mumbai-Chapter (Co-Chairman)*
Dr. (Mrs) M Goswami *BARC, Mumbai (Co-convenor)*
Dr. Milind Kulkarni *C-MET, Pune (Organizing Secretary)*
Dr. Prenesh Sengupta *MSD, BARC, Mumbai (Co-Organizing Secretary)*
Dr. Varsha B. Raut *C-MET, Pune (Treasurer)*

MEMBERS:

Dr. Ashok Arya *GAMD, BARC*
Dr. Sunita Verma *GC, R&D, MeitY*
Dr. R. Tewari *MSD, BARC*
Mr. Sitendu Mandal *CGCRI, Kolkata*
Prof. N. Veeraiah *AN University, Nuzvid, AP*
Prof. M. S. Jogad, *Ex- KSAWU & KSCST Kalaburagi*
Prof. Atul Khanna *GNDU, Amritsar*
Prof. B. M. Bhange *ICT, Mumbai*
Prof. V. K. Deshpande *VNIT, Nagpur*
Prof. A. R. Kulkarni *IIT/Bombay*
Prof. A. Srinivasan *IIT/G, Guwahati*
Prof. Sevi Murugavel *Univ. of Delhi, Delhi*
Dr. Anil Kumar Chauhan *Secretary MRSI Mumbai*
Dr. Sandeep Chatterjee *Director, EMDC, MeitY*
Mr. Swapnil Walunj *Borosil Renewables Ltd*
Mr. Sukhendu S. Kulkarni *MD, Paisa fund Glass Works*
Mr. Bhuvanesh Kumar *Ad. Secretary, MeitY*
Mr. Rajesh Singh *JSFA, MeitY*

SCIENTIFIC PROGRAMME COMMITTEE

Prof. C K Jayasankar S V, *University, Tirupati (Convener)*
Dr. Parag V. Adhyapak, *C-MET, PUNE (Co-Convener)*

MEMBERS:

Dr V Sudarsan, *CD, BARC, Mumbai*
Dr Arvind Anathanarayan, *PSPD, BARC, Mumbai*
Dr Gopi Sharma, *KMV, Jalandhar*
Dr P. Sengupta, *MSD, BARC, Mumbai*
Dr Manoj S Sekhawat, *Bikaner Technical University*

LOCAL ORGANISING COMMITTEE

Dr. Sunit Rane *Secretary, MRSI, Pune*
Dr. Shany Joseph *C-MET, Pune*
Dr. Ram Kalubarme *C-MET, Pune*
Dr. Ranjit Hawaldar *C-MET, Pune*
Dr. Jalindar Ambekar *C-MET, Pune*
Dr. (Mrs.) Sonali Naik *C-MET, Pune*
Mrs. Sonali Mahapure *C-MET, Pune*
Mrs. Ashwini Bhele *C-MET, Pune*
Mr. L.B. Gupta *C-MET, Pune*
Dr. Prenesh Sengupta *BARC, Mumbai*

REGISTRATION & BANK DETAILS

[Register through E-mail with contact details.](#)

Registration Fees Details: To be paid online

Research Students : Rs 1000/-

Online Participation Rs. 500/-

MRSI Members : Rs 2500/-

Online participation Rs.1000/-

Non-Members : Rs 3000/-

Online participation Rs. 1000/-

Participants from Industries: Rs 5000/-

Bank Account Details:

Account No : 2811101005135
Account Name : C-MET Conference
Bank Name : Canara Bank
Branch : Panchavati, Pashan
IFSC Code : CNRB0002811
MICR Code : 411015026
Branch Code : 002811

ACCOMMODATION

Limited Guest House/ Hostel accommodation shall be available on first come first served basis. Those interested in accommodation including Hotel should inform in advance latest by 1st Nov 2022.

LIST OF EMINENT SPEAKERS (TENTATIVE)

Prof. Lionel Montagne, *USTL, Lille, France (online)*
Prof. Michal Piasecki, *UJD, Poland*
Prof. Animesh Jha, *University of Leeds, UK*
Prof. Jakrapong Kaewkhao, *NPRU, Thailand (Online)*
Mr Sitendu Mandal, *CGCRI, Kolkata*
Dr. Gopi Sharma, *KMV, Jalandhar*
Dr. M Ali, Ch.ED, *BARC, Mumbai*
Dr. Arvind A, *PSPD, BARC, Mumbai*
Shri. M. P. Kamath *R.RCAT, Indore*
Dr. B. B. Kale, *CMET, Pune*
Dr. C. Venkateshwaran, *VSSC, Thiruvananthapuram*
Dr. D.S. Prasad, *C-MET, Hyderabad*
Prof. Rupesh S. Gedam *VNIT Nagpur*
Presentations from Industries

SOUVENIR & EXHIBITION

A souvenir containing the technical program, abstracts of lectures to be delivered by invited speakers/experts, abstracts of contributed papers and various event information of MRSI & other sponsoring bodies, would be published on this occasion. An exhibition shall be arranged for displaying products and equipments. Manufacturers and suppliers who would like to exhibit their products and equipments may please contact Convener for further details.

Participation Certificates will be given to all Registered Participants

CALL FOR
ABSTRACT

https://docs.google.com/form/s/d/e/1FAIpQLScV2JrL5tze867aYqfaNso5MujE_zl6hGxNG_bjzagWTTsF6w/viewform?usp=pp_url

IMPORTANT
DATES

Pre-registration: Oct.1, 2022 (through E-mail)
Submission of Abstracts: Oct. 25, 2022
Acceptance of Abstracts: Oct. 30, 2022
Registration : Nov. 15, 2022

Live
Streaming

All Registered participants
will receive link via Email
Separately

