



Global Conference on Advanced Materials and Processing

12 - 13 September 2024

Department of Physics, Sri Sai Ram Engineering College, Chennai, India



First announcement and call for papers

The Department of Physics, Sri Sai Ram Institutions, Chennai is pleased to announce 1st Global Conference on Advanced Materials and Processing (Gcamp'24) in collaboration with Bright-Beams Laser Technology, UK during September 12-13, 2024. The conference is aimed to establish an effective platform for scientists, engineers, experts and students from various academic, research institutions and industries to share their ideas and to present their works in various fields of Materials Sciences and Technologies.

Focused Thrust Areas:

Nanomaterials

1. Battery materials
2. Biomaterials
3. Ferroelectrics & Piezoelectrics
4. Metaloxides
5. 2D Materials
6. Quantum materials & devices

Thin films

1. Diluted magnetic semiconductor materials
2. Solar cell materials
3. Transparent conducting oxide thin films
4. Thin film sensors
5. Coatings and Techniques

Polymers, Ceramics & Metal Alloys

1. Polymer blends / matrix / gels
2. Polymer nanocomposites
3. Ceramics and composites
4. Metals and alloys
5. Lasers and processing
6. Additive manufacturing

Materials & Modelling

1. Thermal & transport properties
2. Molecular dynamics & docking
3. Density functional theory
3. Quantum materials & computing
4. New engineering materials
5. Plasma physics
6. Finite element modelling & simulations

Invited Speakers / Advisory committee members

Chief Patron

Dr. Sai Prakash Leo Muthu
CEO, Sairam Institutions

Patron

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Principal, Sri Sai Ram
Engineering College

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 - 3 Dr. N. Srinivasan
 - 4 Dr. G Ramanathan
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 - 8 Ms. M Dhivya
 - 9 Dr. E Brindha
 - 10 Dr. S Maheswari
 - 11 Dr. A. Sathiya Priya
- Dept. of Physics, Sri Sai Ram
Engineering College

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Dr. Amitava Roy, DST, India.

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Dr. G. Bhagavannarayana, NPL, New Delhi.

Prof. Cheong K. Y., University Sains, Malaysia.

Dr. R.S. Duby, Swarnandhra, Colle of Engg & Tech, Narsapur.

Prof. Fumio Hamada, NCU, Akita University, Japan.

Dr. S. C. Gadkari, BARC, Mumbai.

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Dr. Hiroki Takahashi, Akita University, Japan.

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Dr. Indranil Bhaumik, RRCAT, India.

Dr. Joshi. M.J., Saurashtra Univ., India.

Dr. D. Jaikumar, Voorhees College, Vellore.

Prof. Jagadeesh S. Moodera, MIT, USA.

Prof. Jiban Podder, BUET, Bangladesh

Prof. Jean Francois Guillemoles, RCAST, Tokyo.

Dr. Kamachi Mudali.U, IGCAR, Kalpakkam.

Prof. Kaichi Saito, Akita University, Japan.

Dr. Liliana Dobrzanska, Universit of Warsaw, Poland.

Dr. S.P. Meenakshi Sundaram, Annamalai Univ., Chidambaram.

Dr. R. Mohan Kumar, Presidency College, Chennai.

Dr. P. Murugakoothan, Pachaiyappa's College, Chennai.

Dr. U. Madhusoodanan, IGCAR, Kalpakkam.

Prof. Milton S F Lima, IAS, Brazil.

Prof. Mathias Velazquez, ICMCB-CNRS, France.

Prof. Michal Piasecki, J.Dlugosz Univ of Czestochowa, Poland.

Prof. Muhammad Monirul Islam, University of Tsukuba, Japan.

Prof. Marek Szafranski, Adam Mickiewicz Univ., Poland.

Dr. Mark Laver, University of Birmingham, United Kingdom.

Prof. Mikio Muraoka, Akita University, Japan.

Prof. Mitsutoshi Jikei, Akita University, Japan.

Dr. Mani.V.N, C-MET, India.

Dr.S. Muralidhara Rao, IPB, India.

Dr. V. Natarajan, NPOL, Kochi.

Dr. Nithya Ravindran, IGCAR, Kalpakkam.

Dr. Naoya Miyashita, University of Tokyo, Japan

Prof. Nazmul Ahsan, University of Tokyo, Japan.

Dr. Pratik Shukla, University of Chester, UK.

Prof. Qhalid Fareed, USC, South Carolina, USA.

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Dr. N. P. Rajesh, SSNCE, Chennai.

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Dr. Rajendra Kumar Singh, BHU, Varnasi.

Dr. C. Ramachandra Raja, GAC, Kumbakonam.

Prof. Ri-chi Murakami, National Taiwan University, Japan.

Dr. K. Rajarajan, Rajeswari Vedachalam

Government Arts College, Chennai.

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Dr. K. Srinivasan, Bharathiyar University, Coimbatore.

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Submission of Abstract

Abstract (soft copy) of the paper for oral / poster presentation (not more than one A4 Size page including figures, tables and references) should be sent by e-mail gcamp24sairam@gmail.com in by 30th July, 2024. one full length paper per registered participant will be sent for peer review

IMPORTANT DATES:

Submission of Abstract : 30/07/2024
Notification of Acceptance : 08/08/2024
Last date for Registration : 15/08/2024
Accommodation details please visit -

Registration Fee: 500 (INR)

Registration fee should be send in the form of DD favoring "The Principal, Sri Sai Ram Engineering College" payable at Chennai.
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Publication

Accepted papers after peer review will be published in anyone of the following SCI Journals.
1. Materials Today: Proceedings
2. IOP Conference Series: Materials Science and Engineering