

About Prof. Meghnad Saha

Prof. Meghnad Saha was a renowned Indian Physicist. The famous Saha ionization formula unlocked the mystery of Stellar Spectroscopy. In the pre-independence era, he played the pivotal role in the establishment and growth of various scientific societies such as National Academy of Sciences, India (NASI), Indian National Science Academy (INSA), Indian Association for the Cultivation of Science (IACS), etc. and the Department of Physics, University of Allahabad. Apart from his academic excellence, he was the chief architect of river planning and the chairman of calendar reform committee. He was an excellent science communicator who served as the Member of Parliament also.

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MSMICFP-2023

The conference aims to provide a well-organized international forum to cater the exchange of ideas amongst the experimental and theoretical researchers and stimulate progress in both academia and industry. The conference covers the frontiers of research in major streams of Physics and interdisciplinary areas. The Department of Physics is looking forward to the active participation from both academia and industry across the globe in the MSMICFP-2023.

Call For Paper

Papers (one page abstract as per the template*) presenting original work are invited in the areas listed below:

- Astronomy & Astrophysics
- Advanced Functional Materials
- Bio Materials & Implant Materials
- Computational Physics & Simulations
- Energy, Green Materials & Photovoltaics
- Materials Characterization Techniques
- Nanophotonics, Optical Fibers, Optical Sensors
- and optoelectronics
- Nano-electronics and Nanotechnology
- Nuclear & High Energy Physics
- Quantum Optics, Quantum Information & Quantum Computation
- Other cutting-edge research areas of Physics
- Statistical Mechanics & Critical Phenomena
- Saha's endeavours for science and society
- Soft & Active Matter Systems
- Theoretical & Experimental Condensed Matter Physics

Selected (Peer Reviewed) papers will be published in conference proceedings (Springer)

Important Dates

End of the Abstract Submission	Oct. 15, 2023
Notification of the Abstract Acceptance	Oct. 20, 2023
Registration	Oct. 31, 2023
Full-length Paper Submission	Dec. 31, 2023



The Centenary Celebration of the Department of Physics, University of Allahabad



Meghnad Saha Memorial International Conference on **FRONTIERS OF PHYSICS (MSMICFP-2023)**

November 22 – 24, 2023

Organized by
**Department of Physics
University of Allahabad**

In association with
**The National Academy of Sciences,
India**

Venue:
**Department of Physics
Faculty of Science
University of Allahabad
Prayagraj-211 002, U.P., India**

For any query contact us: msmicfp@allduniv.ac.in

For more details, please visit: www.msmicfp2023.com

Department of Physics

The foundation of the University of Allahabad (the fourth oldest university of the country) was laid down on September 23, 1887 with the conversion of Muir Central College into the science block of the University. Several departments such as, Physics, Chemistry, Mathematics, Botany and Zoology were established to constitute the Faculty of Science. In 1923, on the advice of Einstein and Eddington, Prof. Meghnad Saha was appointed as the first Professor and Head of the department. Under the dynamic leadership of Prof. Saha, the department became world famous for its pioneering research work in the areas of Astrophysics, Nuclear Physics, Stellar Spectroscopy, Atmospheric and Space Physics, Atomic Physics, Ionospheric Studies, Accoustics, Ultrasonic Measurements and X-ray Spectroscopy. Since then, the department has gradually become a leading institute for state of the art research facilities pertaining to the emerging research areas such as, Nano Science, Molecular Materials and Devices, Simulation Studies, High Energy Physics, Accelerator Physics, Quantum Optics, Fiber Optics and Nanophotonics.

Sangam City

Prayagraj, also known as "Teerthraj Prayag" is a place that perceives the confluence of three sacred rivers, Ganga, Yamuna and the mythical Saraswati. It is culturally known as "Triveni Sangam" bearing a signature of religious importance of the city worldwide. Every year, the city celebrates a month long bathing festival, "Magh Mela" during the auspicious Hindu month of Magh (January-February) when Jupiter comes in Aries or Taurus and Sun & Moon are in Capricorn. Every twelfth year the occasion is marked as "Kumbh Mela", which is so far the largest congregation anywhere in the world. Besides, the city is an epicenter of several prestigious academic institutes, viz., Prayag Sangeet Samiti, Harish Chandra Research Institute, Moti Lal Nehru National Institute of Technology, The National Academy of Sciences, Indian Institute of Information Technology, Sam Higginbottom University of Agriculture, Technology and Sciences, Govind Ballabh Pant Institute of Social Sciences, and many others.

Bank Details:

Account Number: 1001000100511244

Account Name : Head Deptt. of Physics

IFSC: PUNB0100100

Bank name & address: Punjab National Bank
Colonelganj, Allahabad - 211002

Registration Details



Register at: <https://forms.gle/F4osiEqyNBckNybQ9>

DELEGATE CATEGORY	INDIAN DELEGATES (INR)	FOREIGN DELEGATES (USD)
Student	3000	250
Academia	5000	500
Industry	15000	1000
Accompanying Person	2000	200

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