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Topics of Interest

- Nanophotonics
- Nanobiosensors
- Nanotechnology in medicine
- Nanobiotherapeutics
- Wearable sensors
- Nanomaterials
- Spectroscopy for biology
- Optical Screening and Disease Detection
- Biophotonics
- Low level laser therapy
- Advanced Bioimaging techniques
- MEMS for Medical applications

Important Dates

- Last Date for Abstract Submission: 10th December, 2022
- Abstract Acceptance Notification: 15th December, 2022
- Early bird registration closes: 30th November, 2022
- Last Date for Registration: 15th December, 2022

Registration Fee

Participants	Participants from India			Participants from Abroad
	Early Bird (Sept 01- Nov 30)	Regular (Dec 1-Dec 15)	On the Spot (Dec 16-Dec 28)	
UG, PG Students & Research Scholars	INR 2000	INR 2500	INR 3000	USD 100
Academic/Govt. R&D Organizations	INR 3000	INR 3500	INR 4000	USD 150
Industry	INR 5000	INR 5500	INR 6000	USD 200

Registration can be done online through the conference website
 "https://conference.manipal.edu/icnpma2022/"

Call for Abstracts

Abstracts are invited for oral and poster presentations on the relevant topics and should be submitted as per the guidelines provided in the conference website.

Authors of all accepted abstracts are invited to submit full papers for publication in a special issue of "Journal of Biomedical Photonics & Engineering", subject to the peer-review process.



International Conference on Nanoscience and Photonics for Medical Applications

December 28 - 30, 2022

Organized by

Department of Atomic and Molecular Physics



MANIPAL
 ACADEMY of HIGHER EDUCATION

(Institution of Eminence Deemed to be University)

Contact:

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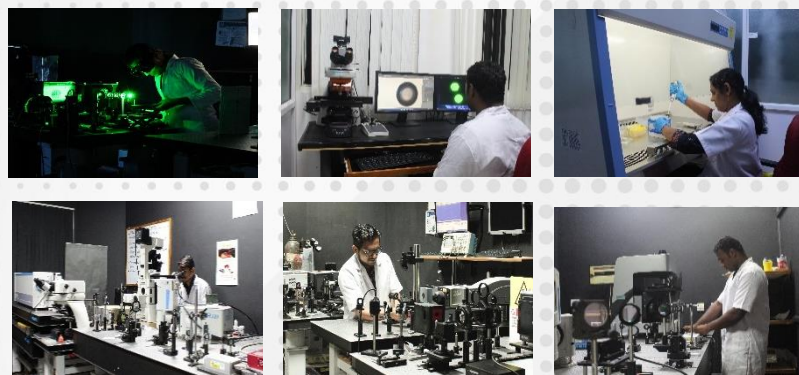
Website: https://conference.manipal.edu/icnpma2022

Theme of the Event:

Advances in the field of nanoscience and photonics have been revolutionizing the field of medical applications. Understanding the utilization of these emerging technologies that span multiple disciplines, from physics to chemistry, material science, biology, medicine, information, energy, and communications in medical applications is the core theme of this three-day International Conference. The topics range from the fundamental sciences to the next-generation devices that utilize photonics or nanosciences for medical applications.

About Dept. of Atomic and Molecular Physics:

The Department of Atomic and Molecular Physics is an advanced research hub and teaching department in the field of Nanoscience and Biophotonics at Manipal Academy of Higher Education. Through government and industry funding, the department has established world-class research labs in the field of Raman Tweezers, multi-modal spectroscopic technology, nanoscale interfaces and applications, nanosensors, nano-biophotonics, ultrafast lasers, and its applications. In addition, the department is creating skilled manpower through their unique graduate, post-graduate & doctoral programmes in Photonics as well as Nanoscience and Technology

**About Manipal Academy of Higher Education:**

Manipal Academy of Higher Education (MAHE) is synonymous with excellence in higher education, an Institution of Eminence conferred by MHRD, Govt. of India. The University town is nestled on a plateau in Karnataka's Udupi district. Today Manipal Academy of Higher Education has more than 25 professional institutions of medicine, engineering, management and humanities. MAHE is making a strong headway in research as well. The Department of Atomic and Molecular Physics, a Centre for advanced research and teaching is on its way to become a leading Centre for research in a vast area of atomic and molecular physics consisting of biophotonics, applied nanoscience, nanobioimaging, spectroscopy of biological systems, ultrafast photonics etc. MAHE is home to 28,000 students pursuing undergraduate, post graduate and Ph.D. programs in diverse subjects. The weather in Manipal is quite pleasant during the month of December.

**Connectivity:**

Manipal is well connected to the major Indian cities by road, rail and air. There are two main cities close to Manipal that serve as entry points - Udupi via rail and Mangalore via air. Udupi is 5 km from Manipal and Mangalore is 65 km away.

Venue:

3rd Floor, Dr. T.M.A Pai Halls, KMC, Manipal – 576 104, Udupi District, Karnataka State, India.

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Speakers

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 Dr. Ammasi Periasamy, University of Virginia, USA
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