



## Fifth International Conference on **Advances in Physical Sciences and Materials**

29 - 30, August 2024 | Kangeyam, Coimbatore, Tamil Nadu, INDIA | [www.icapsm.com](http://www.icapsm.com)

### ICAPSM 2024

The field of advanced physical sciences and materials have not only helped the development in various fields in Science and Technology but also contributes the improvement of the quality of human life to a great extent. The focus of the ICAPSM would be on state-of-the-art technologies and advances in Physical Sciences and Materials. It provides a remarkable opportunity for the academic, research and industrial communities to address new challenges and share solutions and discuss future research directions in the above fields. There is an immense opportunity to learn and express the views through interactive sessions and technical paper presentation. Eminent professionals, scholars and post graduate young researchers will share their views and enhance knowledge on broad spectrums of physical sciences and materials. Moreover, ICAPSM 2024 includes plenary lectures, keynote speakers' eminent personalities from around the world in addition to contributed papers presentations. **The conference will be held in HYBRID MODE.**

### Call for papers

ICAPSM 2024 invites full length original research contributions from engineering professionals from industries, R&D organisations, academic institutions, government departments and research scholars from across the world. Full length original research contributions and review articles not exceeding twelve pages in the single column AIP format shall be submitted. The manuscript template shall be found in the downloads section of the conference website. The manuscript should contribute original research ideas, developmental ideas, analysis, findings, results, etc. The manuscript should not have been published in any journals/magazines or conference proceedings and not under review in any of them. Further the manuscript should contain the name of the corresponding author with e-mail id and affiliation of all authors.

Soft copy of the full length manuscripts (in .doc and .pdf) shall be submitted to [icapsm2024@gmail.com](mailto:icapsm2024@gmail.com)

### Topics (but NOT limited to)

#### Physics and Materials

Nuclear and particle physics  
Advances in Instrumentation and techniques  
Applications of Microscopy in Physical Science  
Quantum Physics & Technology  
Atomic and Molecular Physics  
Nanophysics & Nanoscience  
Mathematical and Computational Physics  
Optics and Photonics  
Fluid Mechanics  
Thermodynamics  
Mass Spectrometry  
Meteorology and Aerodynamics  
Material Science and Nano Materials  
Electromagnetism and Micro Electronics

#### Mathematics

Molecular therapeutics  
Algebraic Geometry  
Category Theory  
Complex Analysis  
Differential Equations  
Differential Geometry  
Discrete Mathematics  
Dynamical Systems and Ergodic Theory  
Functional Analysis  
Fuzzy Logic and Its Applications  
Mathematical Logic and Foundations  
Mathematical Physics  
Number Theory & Analysis  
Numerical Analysis  
Operator Theory  
Probability Theory and Statistics

#### Chemical Sciences

Mathematical Chemistry  
Mathematical Biology  
Material Chemistry  
Nuclear Chemistry  
Conducting polymers  
Polymer composites  
Ceramic materials  
Carbon materials and applications  
Advanced structural materials  
Recent advances in chemistry  
Forensic Chemistry  
Industrial Chemistry  
Organic and inorganic chemistry  
Petrochemistry  
Advances in clinical chemistry

#### Physics

Plasma Physics  
Biophysics  
Medical Physics  
Geophysics  
Laser Physics  
Applied Physics  
Astrophysics

#### Information & Communication

Electrical Engineering  
Communication Technology  
Computer Science  
Information Technology  
Chemical Engineering  
Biomedical Engineering  
Civil Engineering

### Publication - Previous Editions (indexed in SCOPUS)

ICAPSM 2022 - **AIP Conference Proceedings**, Volume No. 2901, Vol. 1 (2023)

ICAPSM 2021 - **IOP:Journal of Physics Conference Series**, Volume No. 2070 (2021)

ICAPSM 2020 - **IOP:Journal of Physics Conference Series**, Volume No. 1706 (2020)

\*Proceedings of ICAPSM 2023 is under final stage at production with AIP Publishing.

### Important dates

Last date for paper submission	20, July 2024
Notification of acceptance	05, August 2024
Registration deadline	10, August 2024
Camera Ready Paper (CRP) submission	11, August 2024
Release of Conference schedule	11, August 2024
Conference date(s)	29 - 30, August 2024

### Contact details

Mobile & WhatsApp  
(+91) 99523 55936

E-mail  
[icapsm2024@gmail.com](mailto:icapsm2024@gmail.com)

Website  
[www.icapsm.com](http://www.icapsm.com)



The book of proceedings of ICAPSM 2024 with all the accepted papers will be published in the following AIP Conference Proceedings.



**AIP Conference Proceedings**

*A Conference Proceedings Journal*

Publications

### Indexing and Abstracting

The book of proceedings of ICAPSM 2024 will be indexed in  
Conference Proceedings Citation Index – Science (CPCI-S)  
(Thomson Reuters, Web of Science)  
EI - Compendex  
Scopus  
Inspec  
Chemical Abstracts Service  
INIS (International Nuclear Information System)  
NASA Astrophysics Data System  
SPIRES  
VINI Abstracts Journal (Referativnyi Zhurnal)

### Organizers

### Partners

### Venue

Organized by



**Builders Engineering College**

Kangeyam, Coimbatore, India | <https://builderscollege.edu.in/>

Publication partner



CMS partner



Media partner



Venue

