DEPARTMENT OF PHYSICS

UNIVERSITY OF CALICUT

CONFERENCE ON ADVANCES IN PHYSICS - 2027

INTERNATIONAL CONFERENCE ON NUCLEAR PHYSICS

JANUARY 18-20, 2027

The Department of Physics, established in 1971, has a long-standing tradition of excellence in postgraduate education and research, supported by active collaborations with leading research institutions across India. The Conference on Advances in Physics is an annual conference that brings together researchers and academicians to discuss recent developments across diverse areas of physics, including Nuclear Physics, Radiation Physics, Solid-State Physics, Plasma Physics, and Astrophysics.

Nuclear Physics continues to play a vital role in advancing science and technology, with reliable nuclear data serving as a foundation for applications in energy, medicine, radiation protection, and nuclear technology. The Department has made significant contributions to both experimental and theoretical research in Nuclear Physics. In honour of Prof. A. M. Vinodkumar and Prof. M. M. Musthafa on the occasion of their retirement, and in recognition of their distinguished contributions to the field of Nuclear Physics, we are pleased to host this three-day International Conference on Recent Developments in Nuclear Data, Theory and Applications.

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SOME OF THE INVITED SPEAKERS

- *M VILLA (INFN - BOLOGNA, ITALY)*
- *KONRAD CZERSKI (UNIVERSITY OF SZCZECIN, POLAND)*
- *L CORRADI (INFN - LEGNARO, ITALY)*
- *T NAKAMURA (INSTITUTE OF SCIENCE, JAPAN)*
- *A K NASIROV (JINR, DUBNA, RUSSIA)*
- *A NAVIN (GANIL, FRANCE)*
- *A TAKAHASHI (THE UNIVERSITY OF OSAKA, JAPAN)*
- *S SANTRA (BARC, MUMBAI)*
- *G MUKHERJEE (VECC, KOLKATA)*
- *B K NAYAK (HBNI, MUMBAI)*
- *S NATH (IUAC, DELHI)*
- *S MANDAL (DELHI UNIVERSITY, DELHI)*
- *MANOJ K SHARMA (UNIVERSITY OF LUCKNOW, LUCKNOW)*
- *R PALIT (TIFR, MUMBAI)*
- *M BALASUBRAMANIAM (BHARATHIAR UNIVERSITY, COIMBATORE)*
- *S GANESAN (HBNI, MUMBAI)*

CALL FOR PAPERS

SUB-THEMES

- Nuclear Structure
- Nuclear Reaction
- Nuclear Astrophysics
- Artificial Intelligence in Nuclear Physics
- Nuclear Instrumentation, Techniques and Applications

Researchers, academicians, scholars and industry experts are invited to submit abstracts for presentation at the International Conference on Nuclear Physics. Share your latest research findings, exchange ideas and engage with the nuclear physics community.

Abstracts should not exceed one page and should be prepared in Times New Roman (Title: 14 pt; Text: 12 pt; 1.5 line spacing).

More Information : conference_physics@uoc.ac.in

REGISTRATION FEE

Scholars/Students	**Rs. 1000/-**
Faculty/Scientists	**Rs. 2000/-**
Industry Experts	**Rs. 3000/-**

- **The registration fee includes the conference kit and food.**
- **Best Paper and Best Poster Presentation Awards will be given to selected presentations.**
- **Limited accommodation support may be provided, subject to the availability of funds.**
- **For further details, please visit https://physics.uoc.ac.in/conference2026/**

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Contact us

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IMPORTANT DATES

15 OCTOBER 2026
- Last date for submission of abstract

15 NOVEMBER 2026
- Intimation of acceptance

18 - 20 JANUARY 2027
- Conference date

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