

CONFERENCE OBJECTIVES

This international conference brings together leading experts in computational mathematics to explore cutting-edge theoretical and computational developments. It serves as a dynamic forum for sharing innovative ideas, fostering collaboration, and sparking discussion on the latest advances in applied mathematics. Specifically, numerical analysis of PDEs, FEM/dG methods, developing efficient and robust methods for solving PDEs, optimization and optimal control, high-performance computing, and applications of PDEs in the natural and engineering sciences. These include but are not limited to computational scientists, engineers, and, last but not least, researchers from the industry. This event is jointly organized by the School of Mathematics, IISER Thiruvananthapuram, Kerala, India, and the Interdisciplinary Center for Scientific Computing (IWR), University of Heidelberg, Germany.

FOCUSED TOPICS

Numerical analysis of
partial differential
equations

Finite element and
discontinuous
Galerkin methods

PDE-constrained
optimization

Scalable solvers for
exascale architectures

Open-source software
in scientific computing

Real-world
applications of PDEs in
natural sciences and
engineering

High-performance and
hardware-aware
computing

Efficient and robust
algorithms for solving
PDEs

CONFERENCE ORGANISERS

Peter Bastian

IWR, Heidelberg University, Germany

Nagaiah Chamakuri

IISER Thiruvananthapuram, India

Asha K Dond

IISER Thiruvananthapuram, India

INVITED SPEAKERS

Prof. Sivaram Ambikasaran

IIT Madras, India

Prof. Hartwig Anzt

TU München, Germany

Prof. Praveen Chandrasekharan

TIFR-CAM Bengaluru, India

Prof. Christian Engwer

University of Münster, Germany

Prof. Martin Falcke

Max Delbrück Center for Molecular Medicine, Germany

Prof. G. D.V. Gowda

TIFR CAM, India

Prof. Thirupathi Gudi

IISc Bengaluru, India

Prof. Moritz Hauck

Karlsruhe Institute of Technology, Germany

Prof. Alexander Heinlein

Delft University of Technology, Netherlands

Prof. Olaf Ippisch

Clausthal University of Technology, Germany

Prof. Volker John

WIAS Berlin, Germany

Prof. Joscha Gedicke

University of Bonn, Germany

Prof. Dmitri Kuzmin

TU Dortmund, Germany

Prof. Sandra May

TU Berlin, Germany

Prof. Phani Motamarri

IISc Bengaluru, India

Prof. Srinivasan Natesan

IIT Guwahati, India

Prof. Amiya K. Pani

IITB & BITS-Goa, India

Prof. Gernot Plank

Medical University of Graz, Austria

Prof. Prabhu Ramachandran

IIT Bombay, India

Prof. Thomas Richter

Otto von Guericke University of Magdeburg, Germany

Prof. Martin Weiser

The Zuse Institute Berlin, Germany

Prof. Thomas Wick

Leibniz Universität Hannover, Germany

Many more from Academia & Industry

REGISTRATION DETAILS



Registration Fee

Indian Students: 6000 INR

Indian Participants: 8000 INR

Others: 150 EUROS

Late Registration Fee

Indian Students: 8000 INR

Indian Participants: 10000 INR

Others: 200 EUROS

CONTACT DETAILS

Convenor,
LACAM-25,
School of Mathematics,
IISER Thiruvananthapuram, India.
lacam25@iisertvm.ac.in
<https://conference.iisertvm.ac.in/lacam-25/>

FOCUSED SESSION'S INVITED SPEAKERS

Prof. Saumya Bajpai

IIT Goa, India

Prof. Ratikanta Behera

IISc Bengaluru, India

Prof. Gopikrishnan C R

IIT Pallakad, India

Prof. Ritesh Kumar Dubey

SRM Chennai, India

Prof. Aditya Konduri

IISc Bengaluru, India

Prof. Sarvesh Kumar

IIST Thiruvananthapuram, India

Prof. Kamana Porwal

IIT Delhi, India

Prof. Gujji Murali Mohan Reddy

BITS Pilani, Hyderabad, India

Prof. Aekta Aggarwal

IIM Indore

CALL FOR PARTICIPANTS

Interested researchers are encouraged to submit a one-page or poster presentation abstract. Submissions should clearly outline the objectives, methods, and potential impact of the work. Only accepted abstracts will be considered for presentation.

IMPORTANT DATES

Last date of abstract submission: **14.09.2025**

Intimation of accepted abstracts: **17.09.2025**

Last date for early registration: **30.09.2025**