

Call for Abstract
International Conference on Applied and Computational Mathematics, 2018
IIT Kharagpur, November 23-25, 2018
<https://sites.google.com/view/icacm18/>

The department of Mathematics IIT Kharagpur is organizing **International Conference on Applied and Computational Mathematics (ICACM-2018)** during November 23-25, 2018. We would like to invite you and your research students to participate in the conference. Kindly submit maximum two pages abstract at topas@iitkgp.ac.in latest by **September 15, 2018**. Accepted abstracts will be notified by September 30, 2018. Conference proceedings will be published with a reputed publisher.

ABOUT THE CONFERENCE

Applied mathematics and computational science are used in nearly every discipline of science, engineering, industry, and technology. Industry relies on these disciplines for the design and manufacture of aircraft, automobiles, medical technology, biological process, health care and more. Computational science and applied mathematics play key roles in the simulation and prototype of designing and testing automobiles. Computer-aided designs are now being used by automotive companies to test performance, safety, and ergonomics. In doing so, they are dramatically lowering the cost of constructing and testing prototypes. With advanced computational power it is becoming a challenge to develop sophisticated computational tools for analyzing real life problems.

AIM

The aim of this conference is to bring together researchers working in applied mathematics, numerical analysis, scientific computation and applications with interfaces in physics, engineering, chemistry, biology and medical science. This conference may bestow an avenue to exchange of ideas on recent advances in areas related to computational methods, numerical modeling and simulation, as well as their applications in engineering and science. It will accommodate presentations on a wide range of topics to facilitate inter-disciplinary exchange of ideas in science, engineering and related disciplines, and foster various types of academic collaborations.

CONFERENCE THEMES

- Differential Equations
- Optimization
- Integral Equations
- Numerical Analysis
- Mathematical Modeling & Simulations
- Computational Linear Algebra
- Numerical Mathematics for Non-linear Systems
- Applications in Science and Engineering
- Micro- and Nanofluidics Modeling
- Theoretical and Computational Fluid Dynamics
- Computational Biology

IMPORTANT DATES:

Abstract Submission Deadline: September 15, 2018

Acceptance Notification: September 30, 2018

Venue: Department of Mathematics, IIT Kharagpur

Conference: November 23-25, 2018

ABSTRACT SUBMISSION

Submit the extended abstract of maximum two pages at: topas@iitkgp.ac.in

PROCEEDINGS

Accepted full length papers and extended abstracts will be published in the conference proceedings

REGISTRATION

Visit <https://sites.google.com/view/icacm18/>

Registration details are provided in the conference website.

CONTACTS

Prof. M.P. Biswal (Chairman); Prof. S. Bhattacharyya (Convener); Prof. J. Kumar and Prof. K.

Ghosal (Co-Conveners), Department of Mathematics, IIT Kharagpur. E-Mail: topas@iitkgp.ac.in

Advisory Committee

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Prof. G.P. Raja Shekhar, IIT Kharagpur, India

Prof. PVSN Murthy, IIT Kharagpur, India

CONCAT

Convener

ICACM-2018

Department of Mathematics,

Indian Institute of Technology Kharagpur

Kharagpur 721302, INDIA

E-Mail: topas@iitkgp.ac.in // Phone: +91-3222-282275