

Recent advances

in Algebra, Numerical Analysis, Applied Analysis and Statistics

December 18-20, 2018
Ho Chi Minh City, Vietnam

CALL FOR PAPERS

International Conference on Mathematics

Date: December 18 – 20, 2018

Conference Venue: Ton Duc Thang University

Address: 19 Nguyen Huu Tho Street, Tan Phong Ward, District 7, Ho Chi Minh City, Vietnam

Website: <http://icm2018.tdtu.edu.vn>

The conference will be held at **Ton Duc Thang University (TDTU)**, Ho Chi Minh City, Vietnam, along with the Department of Mathematics Education - **Incheon National University** in Republic of Korea, the Department of Mathematics and Statistics - **Mississippi State University** in USA, the **Technical University of Ostrava** in Czech Republic, and **Wroclaw University of Science and Technology** in Poland. ICM 2018 provides a forum for university academics, scholars, and researchers around the world to share their knowledge and latest results in **Algebra, Numerical Analysis, Applied Analysis and Statistics**.

THE MAIN TOPICS ARE, BUT NOT LIMITED TO:

Algebra

- Arithmetic Rings
- Chain Conditions
- Computational Aspects and Applications
- Differential Algebra
- Homological Methods
- Multiplicative Ideal Theory
- Ring Extensions
- Theory of Modules
- Topological Aspects

Numerical and Applied Analysis

- Differential Equations and their Numerical Methods
- Evolutionary Problems
- Finite Element Method
- Fractional Calculus
- Image and Signal Processing
- Inverse Problems
- Mathematical Biology
- Optimal Control
- Orthogonal Polynomials
- Symbolic-Numeric Computation

Statistics, Applied Statistics and Probability

- Bayesian Statistics, Bayesian Methods
- Big Data Analysis
- Biostatistics
- Computational Statistics
- Data Analysis and Modeling
- Experimental Design
- Fuzzy Theory and Statistical Applications
- Multivariate Statistics
- Non-parametric Statistics
- Reliability Theory and Applications
- Maintenance Modelling and Optimization
- Stochastic Processes and Applications
- Risk and Hazard Analysis
- Monte Carlo Methods in Applied Statistics and Reliability
- Uncertainty and Sensitivity Analysis
- Survival Analysis
- Advanced Software for Statistics and Applications

IMPORTANT DATES

- Abstract Paper Submission: **By July 15, 2018**
- Full Paper Submission: **By August 15, 2018**
- Notification of Paper Acceptance: **By September 15, 2018**
- Registration and Payment: **By October 15, 2018**
- Conference Dates: **December 18 - 20, 2018**

PAPER SUBMISSION

Please submit your full papers to the conference through <http://icm2018.tdt.edu.vn/paper-submission>

CONFERENCE FEE

More details, please visit Conference Fee <http://icm2018.tdt.edu.vn/Conference-fee>

CONFERENCE PROCEEDINGS

All papers must be submitted online and subjected to blind-peer review process by our committee members. All presented papers will be published in the ICM 2018 conference, which is planned to be indexed in ISI/SCOPUS.

We look forward to receiving your contributions and kindly ask you to disseminate the call to your colleagues who may be interested in participating the conference.

Please do not hesitate to contact us at icm2018@tdt.edu.vn if you need any further information.

ICM 2018 Organizing Committee