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Vice Chancellor
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Co-Chair

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President, Bangladesh Mathematical Society (BMS)

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Dean
School of Engineering & Computer Science
Independent University, Bangladesh

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Professor of Mathematics
School of Engineering & Computer Science
Independent University, Bangladesh

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INDEPENDENT UNIVERSITY, BANGLADESH

18th International Mathematics Conference

20 - 22 December, 2013
IUB Campus, Bashundhara
Dhaka, Bangladesh



Bangladesh Mathematical Society
Announcement of Conference
&

Call for Papers



Theme

Mathematics as a tool for Development



Organized by

Independent University, Bangladesh (IUB)

<http://www.secs.iub.edu.bd/18matconf>

About IUB

Independent University, Bangladesh (IUB) is one of the leading private universities of Bangladesh. The academic activities of IUB are conducted through six schools: School of Business, School of Engineering & Computer Science, School of Environmental Science & Management, School of Liberal Arts & Sciences, School of Public Health, and School of Life Sciences. At present, the university offers 18 undergraduate programs and 12 graduate programs. School of Engineering & Computer Science (SECS) offers undergraduate programs in five majors and graduate programs in four majors. With a coagulation of highly qualified faculty members, SECS is also building itself as a center for innovative research.

About Bangladesh

Located in the north-eastern part of South Asia, Bangladesh is a land of enormous beauty having hundreds of serpentine rivers, luxuriant tropical rain forests, beautiful cascades of green tea gardens, the world's largest mangrove forest-Sundarban, and the world's longest sea beach-Cox's Bazar. People of Bangladesh are generous and hospitable by nature and like to live in peace. Bangladesh has a rich, diverse culture and history, its deep-rooted heritage is thoroughly reflected in its architecture, multifaceted folks like tales, myths, terracota, legends, riddles etc., dance, music and clothing. Dhaka is the Capital of Bangladesh. In December, the temperature ranges from 13.5 degrees to 25.7 degrees Celsius, which is the best time to visit Bangladesh.

About Dhaka

The capital of Bangladesh is Dhaka with its exciting history and rich culture. Known to the world as the city of mosques and muslin, it has attracted travelers from far and near through ages. It has history dating back to earliest time. But the exact date of its foundation is not known. However, according to recorded history it was founded in 1608 A.D. as the seat of the imperial Mughal Viceroy of Bengal.

Dhaka as the capital of Bangladesh has grown into a busy city with a happy blending of old and new architectural trends. Dhaka has been developing fast as a modern city and is throbbing with activities in all spheres of life. It is the centre of industrial, commercial, cultural, educational and political activities for Bangladesh. Dhaka's major waterfront Sadarghat is on the bank of the river and is crowded with all kinds of river craft, country boats, motor launches, paddle-steamers, fishermen's boats all bustling with activity. Colorful rickshaws (tricycle) on the city streets are common attractions for the visitors.

Background and Aim of BMS

Bangladesh Mathematical Society (BMS)(Bangladesh Ganit Samity), the sole professional forum of the mathematicians of Bangladesh founded in 1972. The prime goal of Bangladesh Mathematical Society (BMS) is to promote mathematics education in Bangladesh at all levels from school to university. Another goal of BMS is to enhance research work in pure and applied mathematics as well as other mathematical sciences. BMS organizes various seminars on mathematics teaching and mathematics education occasionally. Besides, BMS organizes International Conferences in every two years at different universities of Bangladesh.

Scope

The scope of conference will include, but not limited to, the following topics:

- > Actuarial Mathematics
- > Algebra and its Applications
- > Algebraic Geometry & Differential Geometry
- > Applied Mathematics and Modeling
- > Approximation Theory
- > Computational Fluid Dynamics
- > Cryptography
- > Differential Equation (ODEs and PDEs)
- > Dynamical System & Chaos
- > Engineering Mathematics
- > Fuzzy Mathematics and Applications
- > Financial Mathematics
- > Functional Analysis & its Applications
- > Game Theory
- > Graph Theory & its Applications
- > Group Theory
- > Heat and Mass Transfer
- > Industrial Mathematics
- > Linear and Nonlinear Programming
- > Mathematical Biology
- > Mathematical Economics
- > Mathematical Morphology
- > Mathematical Computational Techniques
- > Mathematics Education
- > Matrix Theory & Applications
- > Number Theory
- > Numerical Analysis
- > Operation Research & Optimization
- > Probability & Stochastic Processes
- > Quantum Mechanics
- > Real and Complex Analysis
- > Set theory & its Applications

- > Mathematical Statistics and Applications
- > Theoretical Physics and Cosmology
- > Topology & its Applications

Paper Submission

Authors are invited to submit electronically extended abstracts (of no more than 3 pages) of their papers in the template provided in conference web page. Authors of accepted abstracts will be required to submit electronically their full papers (doc. or pdf.).
<http://www.secs.iub.edu.bd/18matconf>

Publications

All full paper submissions will be peer reviewed based on originality, mathematical technical merit, relevance to the conference, contributions, and readability. Selected papers will be published in GANIT: The Journal of Bangladesh Mathematical Society, and some other international journals (to be announced)

Best Paper Awards

Only the papers presented in the Conference by a Bangladeshi student will be considered for awards. Each award contains prize and a certificate.

Important Dates

- > Submission of Abstract Deadline -- **24 October 2013**
- > Notification of Abstract Acceptance -- **1 November 2013**
- > Submission of Full Paper before -- **1 December 2013**
- > Early Registration & Payment Deadline -- **10 November 2013**
- > Late Registration & Payment Deadline -- **15 December 2013**
- > Conference dates -- **20-22 December 2013**
- ***For update or any change please visit -**
<http://www.secs.iub.edu.bd/18matconf>

Registration Fees

- > Local Professional **BDT 1500** & Late Registration **BDT 1800**
- > Local Student **BDT 1000** & Late Registration **BDT 1200**
- > SAARC Country Professional **USD 200** & Late Registration **USD 250**
- > SAARC Country Student **USD 100** & Late Registration **USD 150**
- > Foreign (**Other than SAARC Country**) Professional **USD 300** & Late Registration **USD 350**
- > Foreign (**Other than SAARC Country**) Student **USD 200** & Late Registration **USD 250**

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