1st International Conference

on

Emerging Trends in Mathematics for Science and Technology

(ETMST-2020)

9th -11th December, 2020

Organized by

Department of Mathematics

Faculty of Science and Technology

The University of the West Indies (UWI)

Mona Campus, Kingston 7

Jamaica

Jamaica a Caribbean island nation, has a lush topography of mountains, rainforests and reef-lined beaches. Many of its all-inclusive resorts are clustered in Montego Bay, with its British-colonial architecture, and Negril, known for its diving and snorkeling sites. Jamaica is famed as the birthplace of reggae music, and its capital Kingston is home to the Bob Marley Museum, dedicated to the famous singer.

The UWI, Mona offers world class, accredited higher education programmes to Jamaica, the region and the globe. We engage in research and development designed to support the social and economic growth of the Caribbean region, the provision of community service, and the enrichment of the academic experience. UWI Mona is a fully-accredited tertiary-level institution. Our 7 faculties and 12 professional schools offer more than 200 programmes to some 20,000 graduate, undergraduate and continuing studies students.

The Department of Mathematics is one of the oldest departments at The UWI, Mona Campus, Jamaica. Currently department offers six undergraduate programmes, two taught masters programmes as well as research degrees, MPhil and PhD. The department is actively engaged in various research areas including Fluid Mechanics, Computational Methods, Fuzzy Mathematics, Operations research, Applied Statistics, and Actuarial Science.

The Objective of the Conference is to provide a forum for researchers and professionals from both academia and industry to exchange up-to-date knowledge and experience in various fields of applied mathematics. The conference will focus not only on the theoretical aspects but also on applications of mathematics in several areas. It will also provide the researchers an opportunity to present the novel findings in front of the scientific and mathematical community, stimulating meaningful debate, enabling in-depth discussions. This conference aims to include invited talks by the distinguished speakers followed by paper presentations by various researchers.

Call for Papers/Posters:
Authors are welcome to submit their one page abstract or full paper on any of the following topics (not limited to the list):
• Differential Equations
• Financial Mathematics
• Computational Methods
• Optimization Problems
• Mathematical Physics
• Fluid Dynamics
• Number Theory
• Algebra and Functional Analysis
• Applications of Statistics and Related Researches
• Fuzzy Logic and Set Theory
• Differential Algebraic Systems
• Nonlinear Analysis
• Dynamical Systems and other Related Areas
• Variational Problems
• Graph Theory
• Risk and Reliability Analysis and its Applications
• Time Series and Stochastic process
• Scientific Computing
• Artificial Intelligence, Machine Learning
• Image Processing
• Structural Analysis
• Parallel Computing
• Models in Climate Change
• Applications of Geographic Information System
•Models in Biology and Health Science

Publications:
• All accepted abstracts for papers and posters will be published as abstract conference proceedings.
• Full papers may be published online by AIP or in IOP conference proceedings.
• The selected papers may be called for journals indexed in Scopus, SCI, SCIE, etc. (Names will be notified in due time).

How to Submit:
Interested authors can submit their abstracts or full length papers via online submission as specified on the website.

Important Dates:

Abstract/full paper submission and Registration opening	1st March, 2020
Last date for submission of abstract/full paper	30th June, 2020
Acceptance notification	31st August, 2020
Early bird registration and submission of camera ready papers deadline	30th September, 2020
Late registration deadline	31st October, 2020
Conference dates	9th -11th December, 2020

Registration Fees:

Categories	Early bird registration fee	Late registration fee
Industry Delegates	400USD	450USD
	200USD(Per day)	250USD (Per day)
Academics	300USD	350USD
Post Grad/Post Doc	150USD	200USD
Undergraduate Students	75USD	100USD

Payment instructions will soon be available from the website.

Accommodation is available near the conference venue at university housing, hostels and hotels. Contact information is available on the website.

Organizing Committee Members:
Nagarani Ponakala, Chair of the Conference, The UWI Mona, Jamaica
Diptiranjan Behera, Co - Chair of the Conference, The UWI Mona, Jamaica

Alexandra Rodkina, The UWI Mona, Jamaica
Mahesha Narayana, The UWI Mona, Jamaica
Tamika Royal-Thomas, The UWI Mona, Jamaica
Nordia Thomas, The UWI Mona, Jamaica
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General Correspondence:
Ms. Marsha Jack, Conference Secretariat, ETMST 2020
E-mail: math.conferences@uwimona.edu.jm

Website: Under construction.

REGISTRATION FORM

Name (Block Letter)
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Gender (M/F)...

Designation...........................

Affiliation/Organization..
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Address...
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Mobile No…………………………………………

Email..

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PaperID...

PaperTitle...
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Date and Time of Arrival …..................................

Date and Time of Departure……….…………..

Signature..

Date.....................

The completed Registration form should be submitted by 30th September, 2020.
Either fill-in on-line or send a Photo/Scan of this form to **etmst.uwi@gmail.com**