



# ICMA-MU 2020

INTERNATIONAL CONFERENCE IN MATHEMATICS AND APPLICATIONS

**December 18-20, 2020**

This conference is the ninth in a series of international meetings, attended by hundreds of participants of several nationalities. Due to the success of the previous eight conferences, the Centre of Excellence in Mathematics is encouraged to hold this next one in order to keep the channels of communications and cooperations open and ever expanding.

Due to the Covid-19 situation, the conference will take the form of a mixture between physical and virtual conference, please see details below:

### Oral presentation

You may make your oral presentation while physically present at our conference site in Bangkok, Thailand, or virtually, the platform to be used for which will be announced in due course. Please inform us of your choice of presentation format by the specified deadline.

### Publication of full papers in associated international journals

You may submit the full paper on your research work presented at the conference (either physically or virtually) to be considered for publication in the international journals associated with our conference as long as the registration fee is paid in full by the given deadline. Your physical presence at the conference site is not required.

### Confirmation of presentation format

The format of your presentation can be selected in the online registration system before making registration fee payment:

- Option 1: physically at the conference site
- Option 2: virtually, through the internet

### List of available journals

- **Computation-MDPI**, indexed in ESCI and SCOPUS. Each submission, accepted for publication in the special issue on the proceedings of the conference, will be eligible for 25% discount on the page charge.
- **East-West Journal of Mathematics**, indexed in zbMath and MathSciNet.
- **Southeast Asian Journal of Sciences**, indexed in zbMATH.

### Scope of the conference

The scope includes, but not limited to, Ordinary Differential Equations, Partial Differential Equations, Functional Differential Equations, Fractional Differential Equations, Difference Equations, Delay Differential Equations, Fractional Difference Equations, Stochastic Models, Numerical Techniques, Generalized Differential Equations, Impulsive Differential Equations.

**Significant and relevant applications are encouraged in the following areas, but not limited to**

**Computational Biology and Medicine:** mathematical modeling, simulation and prediction, mathematical modeling of pathways and genetic interactions, bioinformatics, neuroscience computation including neural modeling.

**Research Results in Computational Chemistry:** new theories and methodology including their applications in molecular dynamics, computation of electronic structure, density functional theory, designing and characterization of materials with computation method.

**Research Results in Computation In Engineering:** new theories, methodology and the application of Computational Fluid Dynamics (CFD), optimization techniques and/or application of optimisation to multidisciplinary systems, system identification and reduced order modelling, parallel algorithms and high performance computing.



### Important dates

Deadline of abstract submission:	Aug 31, 2020
Notification of abstract acceptance:	Sep 15, 2020
Deadline of full paper submission	
- for journal publication consideration:	Jan 31, 2021
- for publication in the ICMA-MU 2020	
Book on the Conference Proceedings:	Oct 15, 2020
Notification of full paper acceptance for publication in the ICMA-MU 2020	
Book on the Conference Proceedings:	Dec 1, 2020
Deadline of registration fee payment:	Oct 31, 2020
Notification to conference organizer of your choice of presentation format (physical or virtual)	Oct 31, 2020

*\*(Abstract and/or paper to be published only if the registration fee has been received in full.)*

### Registration fees

General public (foreign contributors)	350 USD
General public (Thai contributors)	9,000 Baht

*\* Only an abstract is needed for consideration to be accepted for presentation at the conference.*

### Contact persons

#### General information:

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#### Academic matters, paper submissions and conference programs:

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For more information please visit:  
<http://cem.sc.mahidol.ac.th/icma-mu2020>

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