

Call for Tutorial Proposals

65th IEEE International Midwest Symposium on Circuits and Systems (MWSCAS)

Fukuoka, Japan, August 7th–10th, 2022

www.mwscas2022.org

The Organizing Committee of the IEEE MWSCAS 2022 invites proposals for tutorials to be held on the first day of the MWSCAS 2022, which will take place in Fukuoka, Japan, on August 7–10, 2022.

Tutorial Topics

Tutorials are solicited in, but not limited to, the following MWSCAS topics:

- Artificial intelligence and machine learning
- Autonomous systems
- Battery technologies
- Sensor networks
- Internet of things
- Brain-inspired computing
- Energy harvesting
- Data compression and coding
- Approximate computing
- Emerging nanoscale transistor technologies
- Emerging memory technologies
- In-memory computing

Tutorial Proposal Guidelines

A tutorial proposal must include no more than 3 pages providing the following information:

- Title of the Topic and Extended Abstract (1 page)
 - Table of content (as detailed as possible) up to 2 pages. The tutorial is not a report on scientific activity of the author(s), and we recommend that the tutorial content is divided in four parts: a) the review of the ideas which spawned the tutorial topic (25%), the review of the main publication which established the tutorial field (25%), the review of the scientific work of authors in the field of tutorial (25%), and the review of the main directions in the future development of tutorial field (25%).
 - List of the main references (books, papers, including the work of authors) pertaining to the tutorial topic. If possible define a book which can be used as the tutorial textbook.
 - Biography of lecturer(s) with photographs.
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Important dates:

Tutorial proposal due: March 18, 2022

Notification of acceptance: April 29, 2022

Complete Set of Tutorial Slides: May 20, 2022

Proposal Submission:

Please submit proposal by e-mail to Tutorial Co-Chairs:

Igor Filanovsky, University of Alberta, Canada, ifilanov@ualberta.ca

Volkan Kursun, Norwegian University of Science and Technology, volkan.kursun@ntnu.no

For additional information about MWSCAS 2022, please refer to the website:

<http://www.mwscas2022.org>