Call for Contributed Submissions

FOURTH ANNUAL

Texas Symposium on Computing with Emerging Technologies

Sponsored by the UT Dallas National Research University Fund Seed Grant Initiative

As transistor scaling approaches its inherent limits, novel interdisciplinary approaches are required to efficiently utilize emerging nanoscale technologies in computing systems. Strategies must be developed across all levels of abstraction, from the device chemistry and physics to the overall system structure. This symposium aims to bring together researchers throughout the region across all related disciplines to exchange ideas and increase interdisciplinary collaboration.

Relevant topics include (but are not limited to):
- Nanodevice design, synthesis, fabrication, and analysis
- Circuit/architecture design based on emerging technologies
- Data/information processing enabled by emerging technologies

Submit abstracts at https://ece.utdallas.edu/about/events/comet-2023/abstract-submission/

October 30, 2023 @ UT Dallas
100-Word Abstract Due October 17, 2023

Confirmed Keynote & Invited Speakers

James Bradley Aimone, Sandia National Laboratories
Jayasimha Atulasimha, Virginia Commonwealth University
Dhritiman Bhattacharya, Georgetown University
Prasanna Date, Oak Ridge National Laboratory
Giovanni Finocchio, University of Messina
Michael P. Frank, Sandia National Laboratories
Adam L. Friedman, Laboratory for Physical Sciences
Sumeet K. Gupta, Purdue University
Liza Herrera-Diez, CNRS & Université Paris Saclay
Sumio Ikegawa, Everspin Technologies
Emilie Jué, NIST & University of Colorado, Boulder
Frank Alice Mizrahi, Unité Mixte CNRS/Thales
Van Dai Nguyen, IMEC
Christina Psaroudaki, École Normale Supérieure
Sarma Vrudhulla, Arizona State University

Organizers: Joseph S. Friedman, Jeonghwan Kim, Usih Ebenezer Chiagozi, Tianxi Qi, Julian Fenison (UT Dallas)
Steering Committee: Joseph S. Friedman (UT Dallas) and Jean Anne C. Incorvia (UT Austin)

https://ece.utdallas.edu/about/events/comet-2023/