THE UNIVERSITY OF THE WEST INDIES
AT ST. AUGUSTINE, TRINIDAD AND TOBAGO

ARTIFICIAL INTELLIGENCE INNOVATION CENTRE

ELECTRON DEVICES SOCIETY
STUDENT BRANCH CHAPTER
TRINIDAD AND TOBAGO

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2026 IEEE EDS MINI-COLLOQUIUM

SEMICONDUCTORS IN THE CARIBBEAN

Exploring Innovation, Research, and Opportunities for a Semiconductor Future in the Caribbean

REGISTER NOW

SUNDAY
OCTOBER 4, 2026

1:00 PM - 5:00 PM EST

UNIVERSITY OF THE WEST INDIES
ST. AUGUSTINE CAMPUS
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TECHNICAL PROGRAM

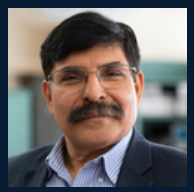
1:00 – 1:10 PM	**Opening Remarks** Welcome and objectives of the Mini-Colloquium
1:10 – 1:45 PM	**Reliability Topics for the Miniaturization and Qualification of Advanced Silicon CMOS Technologies** Prof. Fernando Guarín
1:45 – 2:20 PM	**Oxide Electronics** Prof. Arokia Nathan
2:20 – 2:55 PM	**Dielectrics in Field Effect Transistors from the Beginning to Advanced Systems** Prof. Durga Misra
2:55 – 3:25 PM	**Refreshment Break**
3:25 – 4:00 PM	**Low-Power Design for Sustainable Manufacturing in Agribusiness** Dr. Victor Grimblatt
4:00 – 4:35 PM	**Compact Modeling of Organic Thin Film Transistors for Flexible Electronics – Opportunities and Challenges** Prof. Jamal Deen
4:35 – 4:45 PM	**Closing Remarks** Vote of thanks

DISTINGUISHED LECTURERS

Fernando Guarín, Ph.D., IEEE Life Fellow
IEEE Division I Director (2026–2027); Past President, IEEE EDS; former Distinguished Member of Technical Staff, GlobalFoundries.

Victor Grimblatt, Ph.D.
Executive Director, R&D Engineering, Design Technology Group, Synopsys; General Manager, Synopsys Chile.

Arokia Nathan, Ph.D.
Fellow, Darwin College, University of Cambridge; Professor, School for Information Sciences, Shandong University.



Durga Misra, Ph.D., IEEE Fellow
Professor, Department of Electrical and Computer Engineering, New Jersey Institute of Technology.

Jamal Deen, Ph.D., IEEE Fellow
University Professor, Electrical and Computer Engineering, McMaster University, Hamilton, Ontario, Canada.

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Building a semiconductor future for the Caribbean