



IEEE- Israel society of Electromagnetic Compatibility (EMC) Conference

Call for Papers

May 23, 2019 at Sami Shamoon College of Engineering (SCE), Ashdod

The IEEE 2019 conference of EMC, held under IEEE -Israel, the association of Israel electric engineers society, and SCE will be dedicated to provide a gathering for EMC basic and applied professionals of all levels and specialties from both academia and industry.

Interference problems and the need for compatibility of electrical systems with their environment are not new, but the rapid development of new high speed electrical and electronic systems required for our modern society, amplify the crucial role of EMC in modern industry, much more than before.

Following the highly successful previous conferences in the last 4 years, the 2019 conference offers keynote lectures, professional and tutorial lectures, student's posters and exhibition covering the whole scope of EMC, including emerging technologies related to EMC. The conference addresses both fundamental and applied, traditional and emerging issues of EMC, such as Shielding, Grounding, Conduction, Radiation, High power electromagnetism, RF Communications, Radiation health Effects, and Wireless Power Transmission (WPT).

Prospective authors are invited to submit one-page abstract to emc2019@sce.ac.il , until 15.04.19.

Topics:

- Basic and Applied EMC
- Signal and Power Integrity
- Standardization
- High Power Electromagnetics
- Non-Ionizing Radiation Hazards to Personnel (HERP)
- EMC measurements
- Antennas
- RF communications
- Smart grid EMC (Power Electronics EMC)
- Space EMC
- Wireless Power Transmission (WPT)

Organization Committee

Dr. Irit Juwiler – Head of Electrical & Electronics Engineering SCE Ashdod

Prof. Jacob Gavan- Head IEEE EMC Israel chapter

Mr. Moshe Netzer- IEEE EMC chapter