

## Delhi Section Events

### Distinguished Lecture on Reliability challenges



IEEE EDS Distinguished Lecture on "Reliability challenges for the qualification of Leading Edge CMOS Technologies" by Professor Fernando Guarín, Distinguished Member of Technical Staff, Global Foundries, East Fishkill, NY and Adjunct Lecturer, SUNY, New Palt was organized at IIT, Delhi on 19<sup>th</sup> May 2017. The talk was jointly organized by IIT, Delhi and IEEE-EDS Delhi Chapter. In this talk, Prof. Guarin shared his vast experience in reliability qualification, which included both modeling and characterization, with undergraduate and postgraduate students and faculty members from various institutions.

### Distinguished Lecture on Statistical Analysis of Reliability Test Data



IEEE EDS Distinguished Lecture on "Statistical Analysis of Reliability Test Data" was organized by IEEE EDS Delhi Chapter in association with Department of Electronic Science, University of Delhi South Campus and Department of Electronics and Communication Engineering Amity School of Engineering & Technology on 11<sup>th</sup> Aug 2017. The speaker was Professor Cher Ming Tan, Director, Center for Reliability Sciences and Technologies Chang Gung University.

Reliability test is essential for products today as unreliability can create tremendous inconveniences and even safety hazard. While most hope that reliability test produces no failure, such situation will render impossibility of reliability evaluation of products. On the other hand, with test failures, how one can analyze the test failure data to predict the product lifetime is not straightforward. In this talk, Prof Tan described some basic concept of reliability data analysis so that one can extract the time to failure data, either in the field or in the test, so that good confidence can be obtained in predicting product lifetime.

### Workshop on Modeling & Simulation Techniques for Advance Semiconductor Devices



One day workshop on Modeling & Simulation Techniques for Advance Semiconductor Devices was organized on 18<sup>th</sup> Jul 2017 by IEEE EDS Delhi Chapter at University of Delhi South Campus. Mr. Markus Kärner from Tech Next Pvt Ltd, Lucknow gave hands on training on Global TCAD Solutions (GTS) which is an independent European EDA / TCAD provider, founded in 2008 as a spin-off company of Vienna University of Technology. He focused on the mission of GTS which works as a bridge between cutting-edge scientific developments and industrial needs in semiconductor device engineering. GTS maintains a close relationship to research partners in industry as well as academia. Relying on this strong scientific background, GTS is able to create unique and outstanding products and services. With his special expertise in quantum transport and nano-devices, he demonstrated simulation of advanced CMOS and memory devices. GTS offers individual TCAD solutions as well as a versatile general TCAD framework. GTS comprises versatile classical TCAD as well as unique software for quantum mechanical studies, embedded in an easy-to-use and powerful framework tailored to the daily needs of device engineers.

### Pokémon Go maker announces Harry Potter AR game

Maker of the augmented reality (AR) game Pokémon Go, Niantic, has announced it is making a Harry Potter-based AR game. The 'Harry Potter: Wizards Unite' game will allow players to learn spells, fight legendary beasts, and team up with others to beat enemies, Niantic said. It has partnered with Warner Bros. Interactive and WB Games for the game.