



Prof. Terry Sim talks about nanometer CMOS ADC design techniques.

correction, were implemented as well as how they improved performance. With those advanced topologies and techniques applied, performance has increased significantly,



Prof. Sim interacts with the audience.

and low power consumption has also been achieved.

During the question-and-answer session, Prof. Sim answered many questions about the details of MASH delta-

sigma ADC implementation. Some of the postgraduate students continued one-on-one discussions with him after the talk. The technical talk was very well received by more than 20 attendees, including faculty, researchers, and students from the HUST School of Optical and Electronic Information.

—Chao Wang  
Chair, IEEE CAS-EDS-SSCS Wuhan Joint Chapter

—Guoyi Yu  
Committee member, IEEE CAS-EDS-SSCS Wuhan Joint Chapter

## IEEE SSCS USTC Student Branch Chapter Organizes Research Poster Competition

The IEEE Solid-State Circuits Society (SSCS) University of Science and Technology of China (USTC) Student Branch Chapter organized a research poster competition on 11 January 2020. There were 20 participants, and the competition was judged by the SSCS USTC Student Branch Chapter advisor, Prof. Fujiang Lin. The competition was held at the Micro/Nano Electronic System Integration Center Laboratory, School of Microelectronics, USTC.

The students presented research on low-noise amplifiers, power amplifiers, radio-frequency microelectromechanical resonators, voltage-control oscillators, phase-locked-loop circuits, transimpedance amplifiers, microwave and millimeter-wave antenna design, antenna array calibration, the narrowband Internet of Things, and designing high-current

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SSCS USTC Student Chapter members pose with Prof. Fujiang Lin (center) at the research poster competition.

nonreturn-to-zero and return-to-zero laser diode driver circuits for optical communications. After the exchange of ideas on the latest research, an interactive session was held during which Prof. Lin shared his experiences and guided students in future research directions.

—Muhammad Hunain Memon  
and Jiahui Shi  
Cochairs, SSCS USTC Student Chapter

—Fujiang Lin and C. Patrick Yue  
Advisors, SSCS USTC Student Chapter