

## SSCS Subsidizes Short Course on Linear Regulator Design in Taipei

### *IEEE SSCS Taipei Chapter*

SSCS chapters are eligible for extra subsidies to support events such as workshops and mini-conferences that are not financed by the annual Chapter Subsidy.

With the help of an SSCS extra subsidy, the Taipei Chapter organized a two-day short course on the subject of power management IC design in light of the increasing importance and diverse application of power management systems. The invited speaker was Prof. Gabriel A. Rincón-Mora of the School of Electrical and Computer Engineering, Georgia Institute of Technology, whose course was entitled “Linear Regulators: From the Ground Up ....”

It was presented in Hsinchu and Taipei on 8 and 9 June, 2006, respectively. There were approximately 70 participants at the Hsinchu lecture, and 40 at the lecture at National Taiwan University, Taipei. The majority of attendees were IC design engineers. This reflects the fact that many IC design companies in Taiwan are pursuing the power management IC market.

The course began with an overview of power management systems and a brief introduction to the design requirements. Prof. Rincón Mora then went on to concentrate on low dropout regulator (LDO) design, describing the design methodology and presenting the

LDO circuit design in great detail. In the last part of his lecture, Prof.

Rincón-Mora shared his views on future research directions of power management system with the audiences.

Prof. Rincón-Mora, who has years of practical IC development and research experiences in both industry and academia, brought a good mix of design knowledge to the lectures. His short course was well-received by the attendees, and many considered the course content a great value to their research and work.

The Taipei Chapter greatly appreciates the financial support from the IEEE Solid-State Circuits Society in organizing this event.

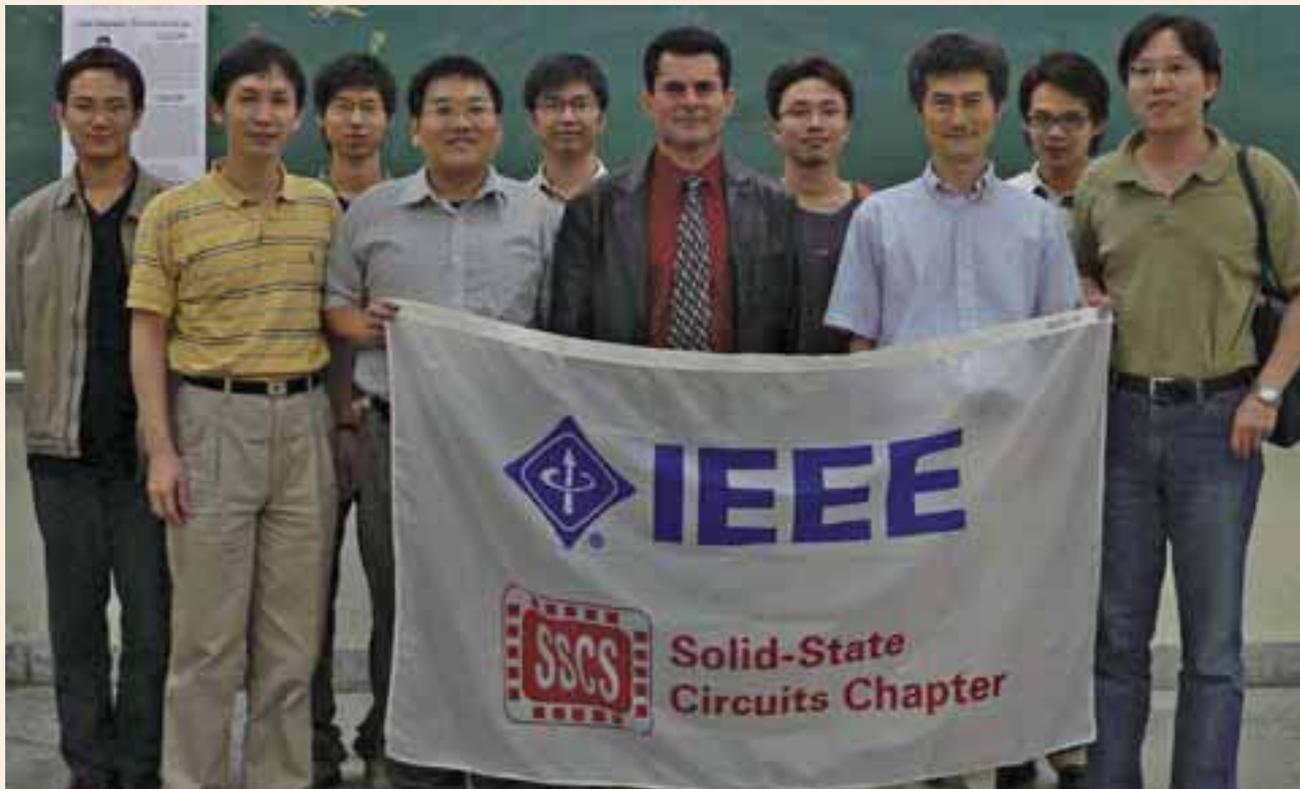


Photo taken after the lecture by Prof. Gabriel Rincón-Mora in National Taiwan University, Taipei on 8 June, 2006. From left to right (front row): Prof. Tsung-Hsien Lin, Prof. Shen-Iuan Liu (Taipei Chapter Chair), Prof. Gabriel Rincón-Mora, Prof. Yi-Jan Chen, and Prof. Chornng-Sii Hwang.