Gabriel Rincon- Mora
Georgia Institute of Technology

View All Role Models

HENAAC Role Model of the Week

July 4, 2005

Gabriel Rincon- Mora
Professor, School of Electrical and Computer Engineering
Georgia Institute of Technology

Recognized as a worldwide leader in the field of analog and power management integrated circuits, Gabriel Rincon-Mora, a Professor at the Georgia Institute of Technology, has had a tremendous impact in the market of cellular phones, pagers, laptops, medical devices and other consumer products, and is continually at the forefront of technology and research. For over 9 years, Dr.Rincon-Mora has been involved in research in power management solutions for portable, battery-powered applications.

Dr. Rincon Mora is the author of a textbook on Voltage References and is widely used and popularly accepted as mandatory for engineers wishing to design integrated voltage references, which is a critical block for nearly all consumer, military and space applications. The textbook has been well received and has led to the opportunity to teach courses on this and similar topics in industries on an international basis.

Dr. Rincon-Mora has been proactive in providing leadership and training for graduate students who work for him. He is an inspiration to his students, and pushes them to achieve levels of excellence beyond their own expectations. Dr.Rincon-Mora also runs the successful Georgia Tech Analog Consortium, which utilizes a $200,000 yearly budget and supports 20 Masters and Ph.D students and the research of over 15 faculty members, with the support of over seven major companies including Texas Instruments, Intersil, RF Micro-Devices, Schlumberger and Analog Devices.

Prior to his work at Georgia Tech, Dr. Rincon-Mora worked for Texas Instruments (TI) as a Senior Design Engineer working in the Power Management Products Group. Here, he helped improve the state-of-the-art, low-power, Low-Dropout Regulators which are used mostly in cell phones, notebook PCs and result in longer and more usable battery life. “Dr. Rincon-Mora’s improvements are well documented in his 19 US Patents and these specifically helped establish TI as the largest supplier in the World today of these type of Power Management Products.” Said Mike Bartlett, Vice President, High Speed Communication and Control for Texas Instruments. It was Bartlett who encouraged Dr. Rincon-Mora to make a career move to Georgia Tech. “It was clear to me that his heart was really with Academia, with the opportunity that it would give him to have a bigger impact in inspiring others to levels he has achieved.”

Rincon-Mora currently resides in Atlanta, Georgia. He completed his bachelor’s degree in electrical engineering, with an emphasis in biomedical engineering in an astonishing three years. He then went on to receive his master’s degree and PhD in Electrical Engineering from Georgia Institute of Technology. He is a member of the Society of Hispanic Professional Engineers (SHPE) and a Senior Member of the Institute of Electrical & Electronics Engineers (IEEE). In addition to his acclaimed technical expertise, Rincon-Mora is an accomplished artist, having published a book of short stories and poetry, and has performed in various theaters in the Atlanta area. He is a graduate of the Dallas Opera Distinguished Audiences Program, which was designed to promote awareness of the arts in underrepresented minority groups. Dr. Rincon-Mora is also an avid athlete, having trained and competed in Judo, swimming, tennis, soccer and volleyball. Currently, he continues to train with the Georgia Tech Men’s volleyball club.

Home | About Us | Conference | Hall of Fame | Viva Technology | TECHNiCA | Contact Us