Flight Center. He has authored/coauthored more than two dozen technical papers, is a recipient of six U.S patents, and is a Senior Life Member of IEEE (Institute of Electrical and Electronics Engineers) and a Registered Professional Engineer.

MOBILE APPLICATIONS FOR GOOGLE'S ANDROID AWARDS CEREMONY

FRIDAY, JULY 2, 2010

PROFILES OF JUDGES

JAIME BORRAS:

Mr. Jaime Borras recently retired as Senior Fellow, Corporate VP and CTO of Motorola, Inc., Plantation, FL. During his tenure with Motorola he directed the activities of APD (advanced product development) at Motorola and was the recipient of 42 US patents. He was awarded three business "Patent of the Year" for his work in iDEN and in wireless handset architectures; the Hispanic Engineer National Achievement Award for Outstanding Technical Achievements was bestowed upon him; and he was recognized as a member of the Top 50 Most Important Hispanics in Business and Technology. He is now the President of Wireless Silicon Group, Inc, a company focused on low power and high speed technologies for mobile phone memory. Mr.Borras is also the President of MTC (mobile technology consortium), a non-profit professional society, that has 100+ members from various small and large businesses in S. Florida with focus on the mobile phone industry.

STEPHEN K. MANSFIELD:

Mr. Mansfield received his BSEE from the University of Florida in 1979. Since then Mr. Mansfield has held several technical engineering and executive management positions in computer software, hardware, systems architecture, and security engineering. He started his career as an engineer at IBM and eventually became Director of Technology for its PC division. During that time he worked on a number of programs and was responsible for several early industry standards in communications, encryption, high performance graphics systems, operating systems architecture, and high performance grid computing. In 1995 Mr. Mansfield became Director of Digital Multimedia Engineering at Harris Semiconductor where he was responsible software development for the emerging digital audio, video, HDTV and an emerging standard called 802.11. In 1997 Mr. Mansfield became Director of Notebook engineering were his team pioneered the introduction of 802.11 wireless notebook technology. Since 2000 Mr. Mansfield created two engineering start-up companies in Florida focused on fingerprint identification technology. The first, Authentec, became the leader in commercial fingerprint technology and successfully IPO'd in 2008. Mr. Mansfield also founded Sonavation in 2005 focused on utilizing ultrasound to image fingerprints. During his career Mr. Mansfield has pursued continuing education at the Warton School, Florida Institute of Technology, and is presently attending Florida Atlantic University as a masters' degree candidate in computer science.

DOUG PEARCE:

Doug has worked for Broward Schools for 22 years - seven as a High School Teacher (Social Sciences), 2 as a Library / Media Specialist, and thirteen in the District's Education Technology Services Department (ETS). His first job at the District level involved early web authoring, Internet delivery services (proxy and filtering), and IT security. In 2001, he moved into the group responsible for designing, installing, and managing local area networks, telecommunications and the integration of end-user devices. In this capacity he's managed a number of major telecommunications projects. Of particular relevancy to the mobile phone application development project at FAU is that part of the responsibilities he assumed is the general management of the District fleet of cellular devices. This fleet includes over 1,400 regular cellular phones, 450 smartphones, 900 application -specific cellular phones (WeatherBug), and a growing number of cellular-based GPS/telemetry units.

MIGUEL ALONSO:

Dr. Miguel Alonso Jr. has been a faculty member in the Department of Engineering and Engineering Technology at the Miami Dade College School of Computer and Engineering Technologies since August of 2007. He is currently an Associate Professor of Engineering and prior to his appointment at MDC, Dr. Alonso worked as a Researcher at the Digital Signal Processing Lab at Florida International University, a Software Engineer in Algorithm Research and Development for Beckman Coulter, Inc., and as a the lead Computer Engineer at CPS Products, Inc. His research interests include Mobile Computing Applications & Development, Cloud-Based Scientific Computing, and Parallel/Distributed High Performance Computing & Machine Learning, all with a central focus on Human-Computer Interaction. Dr. Alonso is a member of IEEE and ACM, as well as the engineering honors societies Tau Beta Pi and Eta Kappa Nu. Among his accomplishments as faculty, Dr. Alonso is the Principal Investigator on NSF Grant CNS-0940575 entitled "Scaling and Adapting CAHSI Initiatives (SACI)", and had a major leading role in developing the first Baccalaureate Degree in Electronics Engineering Technology at MDC, which was approved in January of 2009 by the State Board of Education in Florida. Dr. Alonso has also been involved in numerous projects promoting diversity in engineering & science, including serving as the Faculty and Student Advocate Lead for the Computing Alliance of Hispanic Serving Institutions (CAHSI), a mentor for the Advancing Careers of Excellence, Tools for Success, and Windows of Opportunity scholarship programs and the director for the Summer Institute for Science, Technology, Engineering, & Mathematics (SISTEM). Dr. Alonso is a National Science Foundation Graduate Research Fellow.

LYNN FREYTAG:

Lynn Freytag obtained her BSEE from the University of Miami and MSCE from FAU. She joined Motorola Paging Division, Boynton Beach, FL, in 1993, as an IC (integrated Circuit) designer, with focus on mixed and digital IC design for mobile systems. Her group later joined Freescale Semiconductor Inc., Boca Raton, FL, where she worked till 2008. She, along with her brother, Glenn Freytag, now own a company focused on video and graphics, called Pathway Media, LLC.

MANJUNATH PENDAKUR:

Dr. Manjunath Pendakur is a Professor & Dean of the Dorothy F. Schmidt College of Arts & Letters at FAU. His research interests are in the political economy of communication. Hollywood as a global film industry; film and television in Asia and Africa in the context of national development; public policy related to media industry in North America; and critical ethnography. His primary focus areas are as follows: (1) Political Economy of Communication - This work has focused on the issues of industry structure and policy as well as issues of power; (2) Globalization of Culture - Focusing on Hollywood and its expansion abroad, research published includes Canada's feature film industry and its relationship with Hollywood, India's popular cinema, and film as intellectual property; and (3) Ethnography - he is interested in bringing together political economy of communication research with critical ethnography, Imperialism and the Third World. Overall, Dr. Pendakur is concerned with the historic process of development of underdevelopment, its structural underpinnings of imperialism, nationalism, and global struggles for autonomous development.

RAMESH KRISHNAIYER:

Mr. Krishnaiyer has more than four decades of experience in engineering and business development as an engineer in R&D, manager in engineering product design & development, senior manager/executive in business development, strategic planning, project management, federal technology transfer, and government relations in both the private and public sectors. Ramesh has Masters degrees in Electrical Engineering and Business Administration and has served as a board member on the Florida Venture Forum, Florida Council of AeA (American Electronics Association), Florida Hydrogen Business Partnership, South Florida Manufacturing Technology Center, South Florida Center for Health Technologies, as well as on the Patent Disclosure and Commercialization Assessment Board and the Regional Technology Applications Board of NASA Marshall Space