

EDS Awards

Monday, December 7

2008 Roger A. Haken Best Student Paper Award

To: Jianqiang Lin, National University of Singapore

For the paper entitled, "Plasma PH₃-Passivated High Mobility Inversion InGaAs MOSFET Fabricated with Self-Aligned Gate First Process and HfO₂/TaN Gate Stack."

2009 EDS Chapter of the Year Award

To: To Be Announced

"To an EDS chapter based on the quantity and quality of the activities and programs implemented by the chapter."

2009 EDS PhD Student Fellowship

To: Faisal Amir, The University of Manchester, Pierre-Yves Delaunay, Northwestern University, Ximeng (Simon) Guan, Tsinghua University, Rinus Tek Po Lee, National University of Singapore

"To promote, recognize, and support PhD level study and research within the Electron Devices Society's field of interest"

2008 EDS George E. Smith Award

To: H.S. Tan, T. Cahyadi, Z.B. Wang, A. Lohani, S.G. Mhaisalkar, Z. Tsakadze, S. Zhang, R.R. Zhu, D-H Kim, J-H Ahn, H-S Kim, K.J. Lee, T-H Kim, J.A. Rogers, C.J. Yu, R.G. Nuzzo

For the papers entitled: "Low-Temperature-Processed Inorganic Gate Dielectrics for Plastic-Substrate-Based Organic Field-Effect Transistors", and "Complementary Logic Gates and Ring Oscillators on Plastic Substrates by Use of Printed Ribbons of Single-Crystalline Silicon"

2008 EDS Paul Rappaport Award

To: K-W Ang, J. Q. Lin, G. S. Samundra, S-H Tung, N. Balasubramian, Y-C Yeo

For the paper entitled: "Strained n-MOSFET With Embedded Source/Drain Stressors and Strain-Transfer Structure (STS) for Enhanced Transistor Performance"

2009 IEEE/EDS Fellows

(Only includes those who requested to be recognized at the IEDM)

Rashid Bashir, University of Illinois at Urbana-Champaign, Champaign, IL

Tahir Ghani, Intel Corporation, Hillsboro, OR

Andrea Lacaita, Politecnico di Milano, Milano, Italy

Ching-Ting Lee, National Cheng Kung University, Tainan, Taiwan

Joe McPherson, Silicon Technology Development, Dallas, TX

Mehmet Ozturk, North Carolina State University, Raleigh, NC

Matthias Passlack, Freescale Semiconductor, Inc., Chandler, AZ

Mark Reed, Yale University, New Haven, CT

Adam Skorek, University of Quebec at Trois-Rivieres, Canada

Richard Swanson, SunPower Corporation, San Jose, CA

William Tonti, IEEE, Piscataway, NJ

Robert Wallace, University of Texas at Dallas, Richardson, TX

Albert Wang, University of California, Riverside, Riverside, CA

John Zolper, Raytheon, Vienna, VA

2009 EDS Distinguished Service Award:

To: Tak Ning, IBM T.J. Watson Research Center

"To recognize and honor outstanding service to the Electron Devices Society."

2009 EDS Education Award:

To: David Pulfrey, University of British Columbia

"For contributions to the teaching of semiconductor devices at both the undergraduate and graduate levels"

2009 EDS J.J. Ebers Award

To: Baruch Levush, Naval Research Lab

"For contributions to the development of widely applied simulation tools in the vacuum electronics industry"