EECS Celebrates!

Celebrating the Awards and Recognition of EECS Faculty, Students and Staff

Anantha P. Chandrakasan
Department Head, EECS
The MIT EECS Connector
Prof. Mildred Dresselhaus received the 2012 Enrico Fermi Award

May 7, 2012
Prof. Barbara Liskov named to 2012 National Inventors Hall of Fame

May 2, 2012
Prof. Scott Aaronson Received the 2012 Alan T. Waterman Award

May 03, 2012
EECS’s Big Three in Final Four (2012)

Noel Hollingsworth, Jamie Karraker, Mitchell Kates
2011 MIT/EECS Faculty Research Innovation Fellows

Vladimir Bulovic

Dina Katabi

Tommi Jaakkola

Muriel Medard
2012 Ruth and Joel Spira Teaching Award

Rus Tedrake
The 2012 Burgess (1952) & Elizabeth Jamieson Award for Excellence in Teaching

Hari Balakrishan

John Guttag
2012 Jerome Saltzer Award

Dana Weinstein
2012 Department Head Special Recognition Award

Tony Eng
2012 Capers & Marion McDonald Award for Excellence in Mentoring and Advising

Terry P. Orlando
2012 Richard J. Caloggero Award

Agnes Chow
Jesus A. del Alamo – Student Awards Chair
Carlton E. Tucker Teaching Award

Adam J. Hartz
Harold L. Hazen Teaching Award

Phillip M. Nadeau
Frederick C. Hennie III Teaching Award

Austin T. Clements
Frederick C. Hennie III Teaching Award

Anirudh Sivaraman
Frederick C. Hennie III Teaching Award

Joseph D. Steinmeyer
Robert M. Fano UROP Award

Brian R. Sennett

“Waternilm”

Steven Leeb
supervisor
J. C. R. Licklider UROP Prize for Networking or Human-Computer Interaction

Ivan A. Sergeev

"Broadcasting XORs: On the Application of Network Coding in Access Point-to-Multipoint Networks"

Muriel Medard
supervisor
Anna Pogosyants UROP Prize in CSAIL

Panupong Pasupat

“Conditional Random Field (CRF)-based”

James Glass
Jing Jing Liu, supervisors
Northern Telecom/BNR Project Award
6.111 Fall Term 2011

Jose Cruz Serralles
Logan P. Williams

“Recursive Augmented Reality”
George C. Newton UG Lab Prize
6.111 Fall Term 2011

Scott M. Bezek

Rui Luo

“Improv Tetris”
David A. Chanen Writing Award for outstanding paper in 6.033

Kenny H. Lam

“Ripple: Provenance Tracking File System”
Charles & Jennifer Johnson
CS MEng Thesis Prize

Timothy R. Schoen

“Constraint-Aware
Distributed Robotic
Assembly and Disassembly”

Daniela Rus
supervisor
David Adler Memorial EE MEng Thesis Prize

Frank M. Yaul

“A Flexible Underwater Pressure Sensor Array for Artificial Lateral Line Applications”

Jeffrey H. Lang
supervisor
David Adler Memorial EE MEng Thesis Prize 2nd place

Jonathan P. Mailoa

“Anti-Reflection Zinc Oxide Nanocones for Higher Efficiency Thin-Film Silicon Solar Cells”

Marc Baldo supervisor

6A thesis that is also certified by Inna Kozinsky, Robert Bosch LLC Research and Technology Center
Adrian V. Dalca

“Segmentation of Nerve Bundles and Ganglia in Spine MRI using Particle Filters”

Polina Golland
supervisor
Gauri Joshi

“On Playback Delay in Streaming Communication”

Gregory W. Wornell
supervisor

Also supervised by Yuval Kochman, Hebrew University, Israel
Yi Chang Shih

“Laser Speckle Photography for Surface Tampering Detection”

Fredo Durand
William T. Freeman
supervisors
Morris Joseph Levin Award
Masterworks Oral Thesis Presentation

Frank M. Yaul

“A Flexible Underwater Pressure Sensor Array Using a Conductive Elastomer Strain Gauge”

Jeffrey H. Lang
supervisor
J. Francis Reintjes Excellence in VI-A Industrial Practice Award

Travis R. Grusecki
NetApp
Sunnyvale, CA
William A. Martin Memorial SM Thesis Prize for Computer Science - 1st place

Gauri Joshi

“On Playback Delay in Streaming Communication”

Gregory W. Wornell
supervisor

Also supervised by Yuval Kochman, Hebrew University, Israel
William A. Martin Memorial SM Thesis Prize for Computer Science – 2\(^{nd}\) place

Zeyuan A. Zhu

“Mechanism Design with Approximate Types”

Silvio Micali
supervisor
Guillaume Lestoquoy

“Resolving Optical Illumination Distributions Along An Axially Symmetric Photodetecting Fiber”

Yoel Fink
supervisor
Ernest A. Guillemin EE SM Thesis Award – 2nd place

Chen Sun

“Design Space Exploration of Photonic Interconnects”

Vladimir Stojanovic
supervisor
Jin-Au Kong Outstanding Doctoral Thesis Prize

Venkat Chandrasekaran

“Convex Optimization Methods for Graphs and Statistical Modeling”

Alan S. Willsky
Pablo A. Parrilo
supervisors
Jin-Au Kong Outstanding Doctoral Thesis Prize

Shu-Wei Huang

“High-Energy Sub-Cycle Optical Waveform Synthesizer”

Franz X. Kaertner supervisor
George M. Sprowls Scholarship Fund for Outstanding PhD Thesis in Computer Science

Michael S. Bernstein
“Crowd-Powered Systems”
David R. Karger
Rob Miller
supervisors
George M. Sprowls Scholarship Fund for Outstanding PhD Thesis in Computer Science

Satchuthananthanavale R. K. Branavan

“Grounding Linguistic Analysis in Control Applications”

Regina Barzilay
supervisor
Best Instructor Award – Presented by HKN

Jing Kong
GSA Graduate Counselor Award

Terry P. Orlando
ACM/IEEE Best Advisor Award

Duane S. Boning