2013 EECS Celebrates!

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

Anantha P. Chandrakasan
Department Head, EECS
The 2013 EECS Connector

Faculty News: Awards

Spotlight on 2013 EECS Graduates

Faculty News: Awards

The MIT EECS Connector
2012 the A.M. Turing Award

Shafi Goldwasser
Silvio Micali

Award to be presented, June 15th 2013 in San Francisco
Prof. Tim Berners-Lee (and colleagues) win inaugural Queen Elizabeth Award for Engineering (for inventing the world wide web)

Tim Berners-Lee also honored at the 2012 London Olympics

Award to be presented Summer 2013
2012 MIT/EECS Faculty Research Innovation Fellowship (FRIF)

Frédo Durand  Piotr Indyk  Pablo A. Parrilo
New: Steven and Renée Finn Innovation Fellow

Asu Ozdaglar
2013 Ruth and Joel Spira Teaching Award

Nickolai Zeldovich
The 2013 Burgess (‘52) & Elizabeth Jamieson Award for Excellence in Teaching

Polina Golland

Greg Wornell
2013 Jerome Saltzer Award

Dana Moshkovitz
2013 Louis D. Smullin (‘39) Award for Teaching Excellence

Hae-Seung Lee
2013 Department Head Special Recognition Award

Dorothy Curtis  Albert Carter  Jessica Kraus
2013 Richard J. Caloggero Award

Britton Mae Bradley

Alicia Duarte
2013 Capers & Marion McDonald Award for Excellence in Mentoring and Advising

Alan Oppenheim
Jesús A. del Alamo – Student Awards Chair
Paul Penfield

EECS Department Head
1989 - 1999
Paul L. Penfield Student Service Award
(Inaugural award)

John Sun
Carlton E. Tucker Teaching Award

Katrina Panovich
Harold L. Hazen Teaching Award

David Benjamin
Frederick C. Hennie III Teaching Award

George Chen
Frederick C. Hennie III Teaching Award

Ramesh Sridharan
Undergraduate Teaching Assistant Award

Niki Castle
Undergraduate Teaching Assistant Award

Lars Johnson
Robert M. Fano UROP Award

Kawin Surakitbovorn

“Nonintrusive Power Monitoring System for High Efficiency in Energy Consumption”

Steven Leeb, supervisor
Robert M. Fano UROP Award

WeiHua Li

“Personal Data Cloud Services – The App Inventor Approach”

Hal Abelson, supervisor
Morais (‘86) and Rosenblum (‘86)
UROP Award

Akashnil Dutta

“A simple online competitive adaptation of Lempel-Ziv compression with efficient random access support”

Ronitt Rubinfeld, supervisor
Pasin Manurangsi

“Improved Approximation Algorithms for Projection Games”

Dana Moshkovitz, supervisor

Morais (‘86) and Rosenblum (‘86) UROP Award
J. C. R. Licklider UROP Prize

Joseph Rafidi

“Real-time Trip Planning with the Crowd”

Rob Miller, Haoqi Zhang, supervisors
Anna Pogosyants UROP Award

Hayden Metsky

“Discovering Patterns in Profiles of the Chromatin Environment at Regulatory Elements”

Manolis Kellis, supervisor
SuperUROP Outstanding Presentation Award

Arun Saigal
MIT EECS – Google
Undergraduate Research and Innovation Scholar

“A Development Environment for Entrepreneurship and Mobile Apps”

Hal Abelson, supervisor
SuperUROP Outstanding Presentation and Research Awards

Rui Jin
MIT EECS – Texas Instruments
Undergraduate Research and Innovation Scholar

“Rapid Wireless Charging with an Energy-Constrained Source”

Anantha Chandrakasan, supervisor
SuperUROP Outstanding Research Award

Anne Holladay
MIT EECS – Angle
Undergraduate Research and Innovation Scholar

“Object Placement as Inverse Motion Planning”

Leslie Kaelbling, Tomás Lozano-Pérez, supervisors
SuperUROP Outstanding Research Award

Avanti Shrikumar
MIT EECS Undergraduate Research and Innovation Scholar

“Doubling the Precision of DNA-binding Site Prediction Using a Novel Dataset”

Manolis Kellis, supervisor
SuperUROP Outstanding Research Award

Bonny Jain

MIT EECS Undergraduate Research and Innovation Scholar

“Towards a whole-cell modeling approach for synthetic biology”

Timothy Lu, supervisor
Northern Telecom/BNR Project Award

Luis Fernandez

Rishi Naidu

“Virtual drum set”
George C. Newton Undergraduate Laboratory Prize

Akashnil Dutta  Pranav Kaundinya  Rishi Patel

“Spatio-Temporal Video Amplification”
David A. Chanen Writing Award for outstanding paper in 6.033

Victoria Sun

“Versioning File System”
Farnaz Nirouei

“Electromechanical Modulation of Electrical Conduction through Organic Thin Films for Switching Applications”

Vladimir Bulović, Jeffrey Lang, supervisors
Morris Joseph Levin Award
Masterworks Thesis Presentation

Peter Iannucci

“Towards Rateless, Wireless Networks”

Hari Balakrishnan, supervisor
Charles & Jennifer Johnson
CS MEng Thesis Prize – 1st place

Timothy Kaler

“Chromatic Scheduling of Data-Graph Computations”

Charles Leiserson, supervisor
Charles & Jennifer Johnson
CS MEng Thesis Prize – 2nd place

Owen Derby

“FlexGP: a Scalable System for Factored Learning in the Cloud”

Una-May O’Reilly, Kalyan Veeramachaneni, supervisors
Shijie (Kevin) Zheng

“A Low Cost Asynchronous Eye Diagram Reconstruction System for High Speed Links”

Vladimir Stojanović, supervisor
Jonathan Mei

“Algorithm for 3D Time-of-Flight Imaging”

Vivek Goyal, supervisor
J. Francis Reintjes Excellence in VI-A Industrial Practice Award

Joseph Colosimo

“Doppler Channel Emulation of High-Bandwidth Signals”

Muriel Médard, Matthew Kercher (Lincoln Laboratory), thesis supervisors
J Francis Reintjes Excellence in VI-A Industrial Practice Award

Shijie (Kevin) Zheng

“A Low Cost Asynchronous Eye Diagram Reconstruction System for High Speed Links”

Vladimir Stojanović, Pablo Acosta (Analog Devices), thesis supervisors
EECScon 2013 Poster Presentations

Joseph Rafidi

Ryan Fish

Edwin Ng

Caelan Garrett
EECScon 2013
Oral Presentation Awards

Pratheek Nagaraj    Gustavo Goretkin    Duanni Huang
GSA Graduate Advisor Award

Muriel Médard
ACM/IEEE Best Advisor Award

Dennis Freeman
Best Instructor Award – Presented by HKN

Victor Zue
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Come back next year!