

Northeastern University



Communications and Digital Signal Processing Workshop In honor of Professor John G. Proakis April 17, 2015 Raytheon Amphitheatre

Program

9:00-9:30 Breakfast

9:30-10:00 Welcoming remarks

10:00-11:00 Presentations

Andrew Viterbi : Letter to John

David Forney: A War Story

Toby Berger: Strong Arguments for Cortical Neurons to Have GIG Hitting Times

Shu Lin: An Algebraic Construction of A High-Performance QC-LDPC Code

11:00-11:30 Coffee break

11:30-12:30 Presentations

Daneil Costello: Constructions of Spatially Coupled LDPC Codes

Larry Milstein: Cognitive Radio for Tactical Scenarios

Hamid Krim: From PCA to PSA: An Emerging Paradigm in Data Analysis

12:30-1:00 Posters

1:00-2:00 Lunch (posters continue)

2:00-3:00 Life stories, games, and more

3:00-4:30 Strawberries and champagne

Directions: [://www.northeastern.edu/campusmap/maps.html](http://www.northeastern.edu/campusmap/maps.html)

Raytheon Amphitheatre is on the ground floor of the Egan building (# 60 on the campus map). Parking is available in the Renaissance garage (# 62 on the map). The metro station ("T" orange line, Ruggles stop) is a few steps away.

Workshop is free of charge.