

# Advanced Communications Center Annual Workshop and Feder Family Award Ceremony

Tuesday, February 15 , 2011, 09:30-17:30

Rosenblatt Hall, School of Electrical Engineering, Tel Aviv University

09:30-10:00



*Registration and coffee*

## SESSION I



10:00-10:10

Welcome and ACC overview

Prof. Amir Boag  
Head of the ACC

ACC, TAU

10:10-11:00

Feedback for Interference  
Mitigation

Keynote speaker  
Prof. David Tse

UC Berkeley

11:00-11:20

*Coffee Break*

## THE FEDER FAMILY AWARD FOR BEST STUDENT WORK IN COMMUNICATIONS

11:20-11:40

### CEREMONY

Prof. Aharon Shai, Rector  
Prof. Ehud Heyman,  
Dean, Faculty of Engineering  
Prof. Meir Feder

TAU

11:40-12:40

### FEDER FAMILY AWARD WINNERS TALKS

1<sup>st</sup> Prize : Yuval Lomnitz, Tel Aviv University

*Communication over Individual Channels*

2<sup>nd</sup> Prize : Or Ordentlich, Tel Aviv University

*Cyclic Coded Integer-Forcing Equalization*

2<sup>nd</sup> Prize : Jacob (Kobi) Cohen, Bar Ilan University

*A Time-Varying Opportunistic Approach to  
Lifetime Maximization of Wireless Sensor Networks*



12:40-13:40

*Lunch on site*

## SESSION II

אוניברסיטת תל-אביב  
TEL AVIV UNIVERSITY

13:40-14:10

Digital Video Communication System:  
Evolution of SoC Architecture for Set Top Box

Dr. Sherman Chen

Broadcom

14:10-14:30

CMOS mm-wave circuits: achieving higher  
frequencies and more bandwidth

Dr. Eran Socher

TAU

14:30-14:50

Direct digital modulation and pre-processing  
of optical signals by means of integrated  
electro-optical devices

Dr. Ofer Amrani

TAU

14:50-15:10

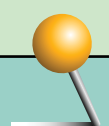
Distributed and cooperative  
game theoretic techniques for  
cognitive radio networks

Prof. Amir Leshem

BIU

15:10-15:30

*Coffee Break*



## SESSION III

15:30-16:20

String Reconstruction from  
Substring Compositions

Keynote speaker  
Prof. Alon Orlitsky

UCSD

16:20-16:50

Communication Over Unknown Channels -  
A Decade Perspective

Prof. Meir Feder

TAU

16:50- 17:30

*Wine and Cheese Reception*