

# Advanced Communication Center Antennas Mini-Symposium

Wednesday, June 2<sup>nd</sup>, 2010, 09:00-18:00  
Rosenblatt Hall, School of Electrical Engineering, Tel Aviv University

|             |                                                                                                     |                                                                    |                                   |
|-------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------|
| 09:00-9:50  | <i>Registration and coffee</i>                                                                      |                                                                    |                                   |
| 9:50-10:00  | Opening remarks                                                                                     | Prof. Mark Shtaif,<br>Head, ACC                                    | TAU                               |
| 10:00-11:00 | <i>Keynote: Computational Electromagnetics and Its Role in Antenna and Communication Technology</i> | Prof. Weng Cho Chew                                                | Univ of Hong Kong                 |
| 11:00-11:20 | Multilevel Array Decomposition Algorithm for Fast Statistical Characterization of Arrays            | Prof. Amir Boag,<br>Dr. Amir Shlivinski,<br>Prof. Christine Letrou | TAU, BGU<br>Télécom - SudParis    |
| 11:20-11:50 | <i>Coffee Break</i>                                                                                 |                                                                    |                                   |
| 11:50-12:20 | Antenna Theory in the Time Domain                                                                   | Prof. Ehud Heyman,<br>Dr. Amir Shlivinski                          | TAU, BGU,                         |
| 12:20-12:40 | Spatial Dynamics of Indoor Radio Channels                                                           | Dr. Dana Porrat                                                    | Hebrew Univ, Jerusalem            |
| 12:40-13:00 | Nano-Antennas - Towards New Concepts for Optical Components                                         | Dr. Koby Scheuer                                                   | TAU                               |
| 13:00-14:00 | <i>Sandwich Lunch on site</i>                                                                       |                                                                    |                                   |
| 14:00-15:00 | <i>Keynote: Recent Developments of Reflectarray Antennas</i>                                        | Prof. José Encinar                                                 | Universidad Politécnica de Madrid |
| 15:00-15:20 | 60GHz Active Antenna Arrays for Future Wireless Applications                                        | Shmuel Ravid                                                       | Intel                             |
| 15:20-15:40 | Small Hardened Phased Array Antenna                                                                 | Reuven Bauver                                                      | Elta                              |
| 15:40-16:10 | <i>Coffee Break</i>                                                                                 |                                                                    |                                   |
| 16:10-16:30 | Electrodynamics of particle arrays and their applications to selective reflector antennas           | Prof. Ben Zion Steinberg,<br>Yakir Hadad                           | TAU                               |
| 16:30-16:50 | A Compact 60 GHz Tapered Slot Antenna Printed on LCP Substrate For WPAN Applications                | Dr. Lev Pazin,<br>Prof. Yehuda Leviatan                            | Technion                          |
| 16:50-17:10 | Future Trends in Antenna Measurements                                                               | Dr. Ph. Garreau,<br>P. Iversen, A. Gandois,<br>Uri Shemer          | Microwave Vision Group            |
| 17:10-17:30 | Antenna Impedance in Receive Mode                                                                   | Prof. Raphael Kastner                                              | TAU                               |
| 17:30-18:00 | <i>Wine and Cheese Reception</i>                                                                    |                                                                    |                                   |

To register (at no charge) until 28 May,  
Please email: [acc@eng.tau.ac.il](mailto:acc@eng.tau.ac.il) or call Irit at 03-6408764  
Include your full name, organization, and (optional) title