

Radar Symposium

Monday, February 13, 2017

Building 98, Auditorium 001, Ben-Gurion University of the Negev

9:15 *Registration and coffee*

Opening remarks:

9:45 **Prof. Dan Blumberg, VP R&D, Ben-Gurion University of the Negev**
Dr. Moshe Goldberg, Head, R&T Base Unit, DDR&D

10:00 *Keynote: Passive Radar - From Inception to Maturity,*
Prof. Hugh Griffiths, University College London, England

10:50 *Passive High Resolution Location Estimation of Multiple Co-Channel Emitters Using Moving Sensors,*
Prof. Arie Yeredor, Tel-Aviv University

11:10 *Coffee break*

11:40 *Complementary Pair Radar Pulse Waveform – Revisited,*
Prof. Nadav Levanon and Mr. Itzik Cohen, Tel-Aviv University

12:00 *Challenges in Developing a Detect and Avoid Radar for a MALE UAV,*
Dr. Eli Mozeson, Elisra

12:20 *Cognitive Spatial Sampling,*
Prof. Joseph Tabrikian, Ben-Gurion University of the Negev

12:40 *Plug-In Measure-Transformed Quasi-Likelihood Ratio Test for Random Signal Detection,*
Dr. Koby Todros, Ben-Gurion University of the Negev

13:00 *Lunch on site (dairy)*

13:50 *Keynote: Target Tracking and Data Fusion: How to Get the Most Out of Your Sensors (and make a living out of this),* **Prof. Yaakov Bar-Shalom, University of Connecticut, USA**

14:40 *Radomes - The Rocky Road to Transparency,*
Prof. Reuven Shavit, Ben-Gurion University of the Negev

15:00 *Design and Usage of Conformal Antennas in a Radar System,*
Dr. Mark Rozenkrantz, Elta Systems LTD

15:20 *Atmospheric Effects on the Accuracy of FMCW Millimeter Wave Radar,*
Prof. Yossi Pinhasi, Ariel University

15:40 *Coffee break*

16:10 *Keynote: Automotive Radar and Radar Based Perception for Driverless Cars,*
Dr. Juergen Dickmann, Daimler AG, Vehicle Automation and Chassis Systems, Ulm, Germany

17:00 *Automotive Radar for Autonomous Vehicles,*
Dr. Igal Bilik – GM

17:20 *Cognitive Sub-Nyquist MIMO Radar Prototype,*
Prof. Yonina Eldar and Dr. Kumar Vijay Mishra, Technion – Israel Institute of Technology

17:40 *Radar Environment RF Generation,*
Dr. Steffen Heuel, Rohde & Schwarz, Germany

18:00 *Closing remarks*

18:10 *Cocktail*

