

Department of Electrical Engineering



Technion



IRWIN AND JOAN JACOBS
CENTER FOR COMMUNICATION AND
INFORMATION TECHNOLOGIES (CCIT)



IEEE

iGalileo

Israeli Galileo Consortium



Technion R & D
Foundation Ltd.



Please Register Online!



בוגרי הטכניון
TECHNION ALUMNI

Free registration to Technion Alumni!

You are kindly invited to a Workshop on :

2ND IGALILEO CONFERENCE DAY

Thursday, May 13, 2010, 10:00 - 17:30

2nd Floor Auditorium, Rabin Civil & Environmental Engineering Building, Technion

2nd GALILEO CONFERENCE DAY

The 2nd Galileo Conference Day describes the concepts, highlights the achievements, and demonstrates the developed products of iGalileo.

iGalileo – Israeli Galileo Consortium, builds a solid infrastructure and extensive knowledge base in GNSS for Galileo ,GPS, Glonass and other GNSS systems. Developments with derivatives to consumer applications and products are based on academy research and industry cooperation.

Time	Subject	Lecturer
9:50	Registration	
10:00	Welcome and Introduction	Prof. Nazarathy, Technion
10:10	Galileo program	Effi Bergida, MATIMOP
10:20	iGalileo - Strides made from dreams to reality	Eliyahu Ariel, GSN
11:00	From Concept to Implementation of Multiple GNSS Simulation	Avner Kaidar, Technion and Ran Zivhon, GSN
11:20	Demo – GPS Simulation with the Multiple GNSS Simulator	Ran Zivhon and Moshe Namer
11:30	Coffee Break	

11:50	Concepts and Implementation of GNSS Sensors – High dynamics and ADS	GSN
12:10	Demo - GNSS Sensors	Ran Zivhon and Moshe Namer
12:20	Attitude Determination Algorithms	Dr. Gilad Even-Tzur, Technion
12:40	Pointing of Communication Satellite antenna based on ADS from GNSS Sensors	Yaniv Mendelson, Gilat
13:00	Demo - Automatic antenna pointing with ADS	Gilat and AXY Systems
13:10	Lunch	
14:00	European Satellite Navigation Competition (ESNC) 2010 – Generating globally networked innovation : Presentation of the competition modalities and success stories	ESNC coordinating team member - Germany
14:40	Improved Relative Satellite Attitude Determination using GNSS	Prof. Pini Gurfil, Technion
15:00	Demo - Nonlinear Kalman filtering of GPS measurements: Monte Carlo simulation results	Dr. Alexander Gipsman, Technion
15:10	Coffee Break	
15:30	Concepts and implementation GNSS Antennas – Fixed phase center	Benzion Joselson and Erez Ben-Ari Technion
15:50	Demo - GNSS Antennas	Moshe Namer
16:00	Dynamic Multipath Simulation of GNSS Received Signals	Dr. Boaz Ben Moshe, Ariel
16:20	Demo – Dynamic Multipath Simulation of GNSS Received Signals	Dr. Boaz Ben Moshe, Ariel
16:30	Galileo funding within the Framework Program (FP7)	ISERD
16:50 – 17:30	GIUS2 Projects	

Registration Form

For more information please contact: Avner Kaidar avnerkdr@inter.net.il

Technion MAP

Civil Engineering Building