IEEE COMMUNICATIONS SOCIETY
Israel Chapter

EAME RCCC Meeting, Budapest 2013

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General Information

- IEEE Israel Section currently has more than 1300 members, which are active in 15 professional groups (chapters).
- As of today, our COMSOC chapter has 180 active members.
- Our section continues to be the leading organization in electronics in Israel
  - develops activities in advanced technologies
  - Continues to keeps strong cooperation between the academy and the industry.

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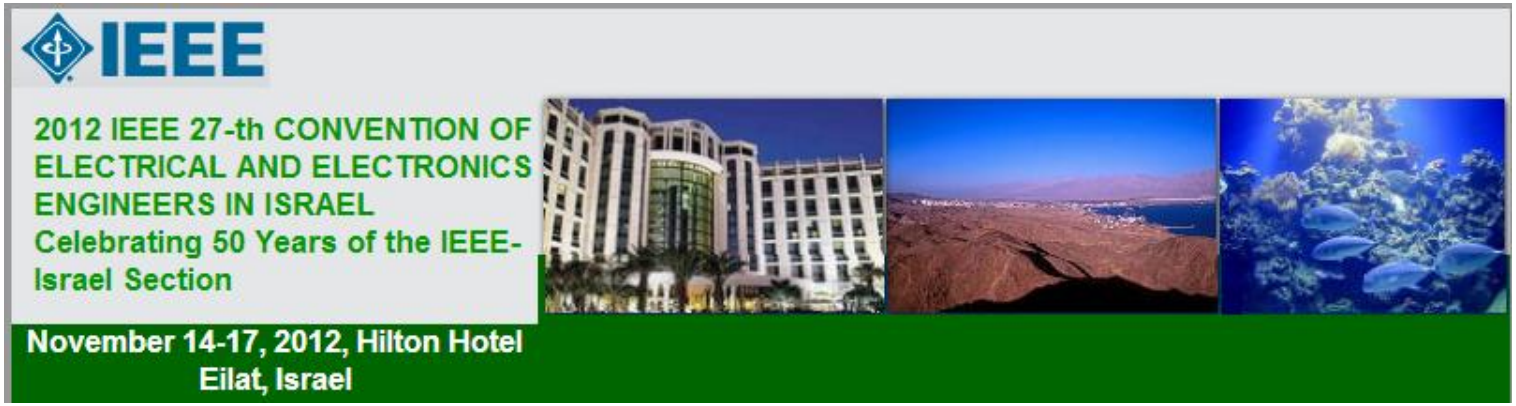
2012 Activity

- Last year we took a part in the 2012 IEEE 27th Convention of Electrical and Electronics Engineers in Israel.
- The communication part took a major role in this conference, lectures were given by some of our senior members.
- More then 20 talks were given on various subjects regarding communication topics, such as Mobile Wireless Networks, Cellular networks and much more.



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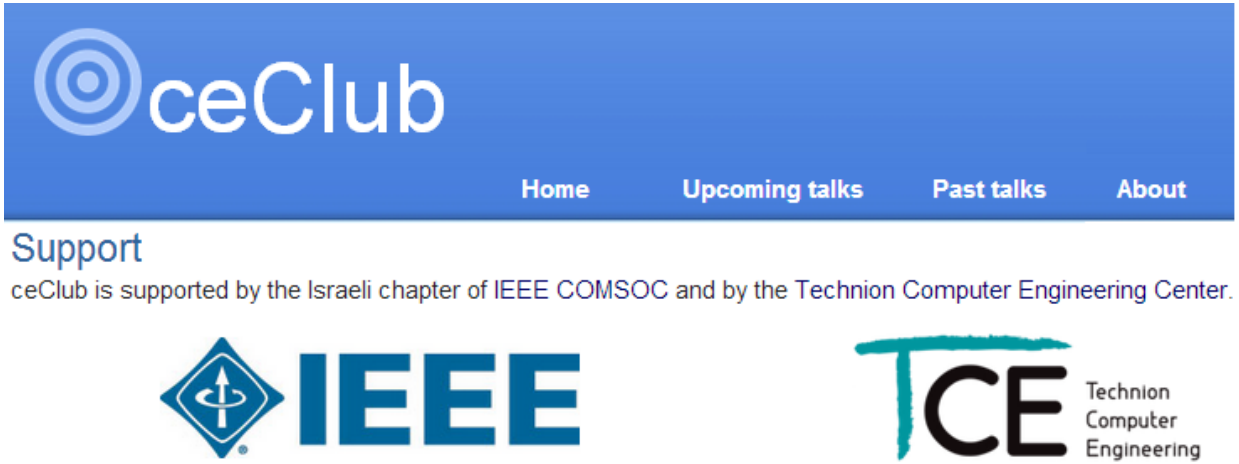
ceClub

- The Technion Computer Engineering Club is a joint collaboration of the Technion's CS and EE faculties
- We meet every Wednesday at 11:30, to hear an interesting research talk.
- We take a broad view of both systems and theory of networking, distributed systems, storage, computer architectures, operating systems, compilers, etc.



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ceClub – recent talks

- Optimizing Traffic Engineering on the Internet - Dr. Michael Schapira, the **Hebrew University of Jerusalem**
- RFID Security is Good for the Grocer - Yossi Oren, Cryptography and Network Security Lab, **Tel-Aviv University**
- Quantitative Analysis of the Full Bitcoin Transaction Graph - Dr. Dorit Ron, **Weizmann Institute of Science**
- An Intent-based Approach for Network Virtualization - Dr. Rami Cohen, **IBM Research Lab in Haifa**
- Energy-aware scheduling for heterogeneous multi-core architectures - Prof. Daniel Mosse, **CS, University of Pittsburgh**
- Predicting Execution Bottlenecks in Map-Reduce Clusters- Dr. Edward Bortnikov, **Yahoo! Labs Israel**
- The New Horizon of Virtual Telecommunication and Carrier Clouds, Dr. David Amzallag, Vice President and CTO, Virtual Telecommunication and Cloud Solutions at **Alcatel-Lucent**

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DSP and DLT Visits

- IEEE COMSOC DSP VISIT:
  - Green Cellular Networks: A Survey, Some Research Issues and Challenges – Prof. Vijay K. Bhargava, University of British Columbia and President, IEEE Communications Society
  - Presented in the Technion (CE-Club).

- IEEE COMSOC DLT VISIT:
  - New Directions in Cyber Security: Achieving Cyber Attack Tolerant Missions and Business Processes - Dr. Gabriel Jakobson, Altusys Corp., Princeton, NJ, USA
  - Presented in Tel Aviv University and Ben Gurion University.

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The 2nd Annual International TCE Conference June 6-7, 2012

Focused on Networking, Cloud and beyond.

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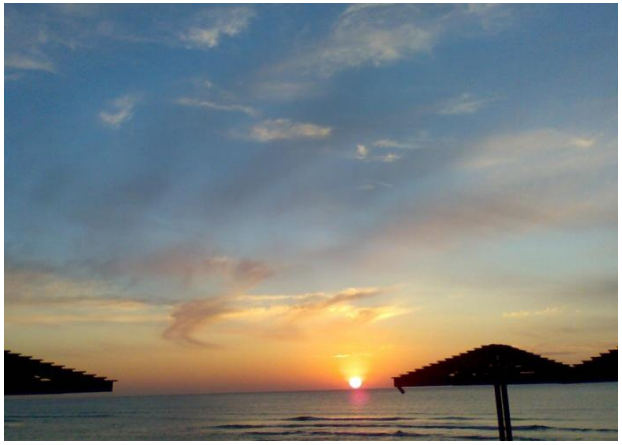
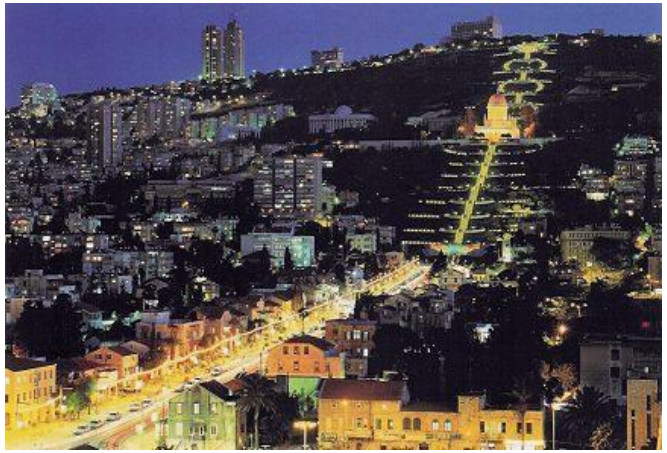
Haifa





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Sister Societies Agreement

התאגדות מהנדסי חשמל ואלקטרוניקה בישראל
The Society of Electrical and Electronics Engineers in Israel
SEEEI

- The Society of Electrical and Electronic Engineers in Israel (SEEEI) is one of the leading professional organizations in our country.
- The activities of the Society members cover all aspects of the profession in aim to promote the professional level of the electrical and electronic engineers
- Represent the engineering interests in government and public utilities regulators
- Contribute to the industrial development and economic improvement of the country.

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IEEE COMCAS 2013

- providing a multidisciplinary forum for the exchange of ideas, research results, and industry experience in the areas of computer communication
- Includes a technical program, industry exhibits, and invited talks by international experts in key topical areas.
- The conference will take place on October 21-23, 2013 David Intercontinental Hotel on the Mediterranean sea in Tel Aviv.