IEEE

IEEE Region 8
88th Committee Meeting

14th/15th April 2007
Sofia/Bulgaria
http://www.ieee.org/r8/

IEEE Lebanon Section Report, March 2007

Election Date: February 27, 2005
Officers: The First Executive Committee of the IEEE Lebanon Section
- Chair: Dr. Mohamad Adnan Al-Alaoui
- Vice Chair: Dr. Elias Nassar
- Secretary: Dr. Hadi Sawaya
- Treasurer: Mr. Ghassan Shaban
- Professional Activities &GOLD Coordinator: Dr. Elias Nassar
- Student Coordinator: Dr. Hadi Sawaya
- IRO: Mr. Ghassan Shaban

Milestone: (Granting the Lebanese License)July 01, 2006

الجريدة الرسمية ــ فهرس العدد ٣٥ ــ ٢٠٠٦/٧/١٣

بيان علم وخبر رقم ٣٢٥/آد تاريخ ١ تموز سنة ٢٠٠٦ بتأسيس جمعية باسم: «جمعية خبراء   ٤١٦٣
الكهرباء والالكترونيات في لبنان» مركزها: بيروت

Chapters:
Three petitions were submitted to IEEE for establishing a Communication Society Chapter, a Computer Society Chapter, and a joint Power Engineering Society/Circuits and Systems Society Chapter. The Communications Society Chapter and the Computer Society Chapter have been approved. It is hoped that the IEEE approval of the formation of the joint Power Engineering/Circuits and Systems Chapter will soon be granted. Elections were held and resulted in the following executive committees for the new chapters.

1.   The Communications Society Chapter:
Chair: Dr. Elias Haddad
Vice Chair: Dr. Zaher Dawy
Secretary: Mr. Izzat Halwani
Treasurer: Dr. Majd Sakr
Membership Development/Industry Relations: Mr. Nabeel Nasser

2.   The Computer Society Chapter:
Chair: Dr. Mazen Saghir
Vice Chair: Ms. Rim Dbaibdo
Secretary: Mr. Tarek Hassan
Treasurer: Dr. Aziz Barbar
Membership Development/Industry Relations: Mr. Nabeel Nasser

3.   The Joint Power Engineering Society/ Circuits and Systems Society Chapter:
Chair: Mr. Ahmad Adra
Vice Chair: Dr. Ali Chehab
Secretary: Dr. Abdallah Kassem
Treasurer: Dr. Mohammad Mansour

Membership:
Statistics from Membership Development indicate the following as of Dec 30 2006
Total number of members=880; Senior members=20; Associate members=41; Fellow=2;
Life member=1; Members=223; Student members=593; This is an increase of 188% in Senior Members and 29% in regular members over same time in previous year. There is however a 12% decrease in student members.

Meetings in 2006 since October 2006:

Four Technical meetings:

October 12, 2006:
Organized by: Computer Society chapter,
Topic: The Promise and challenges of Secure Online collaborations,
Speaker: Dr. Mikhael Atallah, Purdue University

October 18, 2006:
Organized by IEEE Lebanon Section and ECE Deparmtent American University of Beirut,
Topic: Taking Technology Solutions to Market,
Speaker: Mr. Ammar Sakkal, Director Channel Strategy for HP software.

 November 9, 2006:
Organized by Computer Society Chapter and Faculty of Engineering and Architecture, American University of Beirut,
Topic: CATV: Past Present and Future,
Speaker: Dr. Walid Kamali, Senior Lecturer, ECE Department American University of Beirut.

November 16, 2006:
Organized by Computer Society Chapter and Faculty of Engineering and Architecture, American University of Beirut,
Topic: Efficient Scaling Alternative to Reorder Buffers in Multicore Processors,
Speaker: Dr. Haytham Akkary, Intel corporation.

Three administrative meetings:
November 4, 2006, November16, 2006 and December 15, 2006

One General Assembly meeting**:**
Wednesday December 27, 2006

Meetings held in 2007:

Eight administrative meetings:
January 31, 2007, February 16, 2007, February 20, 2007, February 27, 2007, March 9, 2007, March 19, 2007, March 24, 2007 and March 30, 2007.

Technical Workshop:
March 24, 2007:
Organized by IEEE Lebanon Section Communications Chapter.
Topic: Communications Workshop 2007,
Speakers and Topics:
Dr. Elias Nassar, IEEE Lebanon Section Vice-Chair: IEEE Membership benefits
Dr. Zahy Dawy, AUB: UMTS Radio Network Planning
Mr. Nayef Azar, Alfa Mobile Communications: Identifying and overcoming the Design Challenges of Implementing Multi-technology Mobile Telephony in High Rise Buildings
Dr. Mohamad Aoude, LIU: Interference Cancellation in coded OFDM/OQAM
Dr. Elias Rachid and Mr. Michel Moughabghab, ESIB: Studies and Measurement of Electromagnetic Fields around Mobile Stations
Dr. Sam Sheeshia, AUST: Burst Grooming in Optical-Burst-Switched Networks
Mr. Ali Atie, OGERO Telecom: Deleivering Ethernet Services over SDH Infrastructure
Dr. Youssef Zaatar. USEK: Application of Integrated Optics in Telecommunications
Dr. Sanaa Sharafeddine, LAU: A framework for planning converged IP Networks
Ms. Rula Abou Daher and Mr. Rayess Ghadi, MTC-Touch Mobile Communications: Seamless mobility
Dr. Elias Haddad, ESIB: 3G Cellular Systems

Best practices:
The IEEE student membership is probably the largest in Region 8, both in total numbers (593), and in percentage (67%). This is particularly impressive with the total population of Lebanon being no more than 4 million. Indeed the students were very active for over ten years before the establishment of the IEEE Lebanon Section. They have received the first prize for their web site for region Region 8 and came in second globally (second to Arizona State University). They have been very active in meetings exhibitions work shops and conferences. AUB (American University of Beirut) have established a yearly student conference with the contributed papers being mostly based on the students final year projects. We would like students from other sections to participate in the conference.

The four student branches in Lebanon are organising the first S-PAC activity by holding a full day workshop at Berytech and industry incubators. Lectures will focus on best business practices for students interested in launching their own business.

Topic to be discussed in Sofia:

- IEEE Lebanon Section requests financial support for the following proposed activity:

A support of $5000 to help in holding the first annual Electrical Engineers Week in Lebanon in order to give exposure to the newly established Lebanon Section. This week will include a national refereed conference on topics in electrical and electronics Engineering with two special sessions featuring invited speakers, the first on Modern Digital Power Utility Control and the second on Demining and Declustering. A Student paper competition and industry exposition are also planned. This is an important issue for the Lebanon Section and your support is greatly appreciated.