

IEEE Cyprus Communications Chapter (COM19)



IEEE

**Costas Stasopoulos, Cyprus
Communications Chapter Chair
2006, Istanbul , Turkey**



The Chapter Committee

Costas Stasopoulos (Chair)

Costas Economides (Vice Chair)

Marios Papaconstantinou (Secretary)

Gregory Maliotis (Treasurer)

Background to the Section

- Founded in 1993
- First chair and founder Mr. A.M. Constantinou
- Large percentage of University graduates in relation to the islands' population
- Very good relations with the IEE and the Electrical Engineering Department of the University of Cyprus
- Enthusiasm and interest from volunteers

Background to the Section (2)

Successes:

- Organized conferences, lectures, seminars and presentations successfully
- Maintains a stable number of members
- Established a very successful WEB page www.ieee-cyprus.org
- Formed two active Chapters and is planning to form another two in the near future

Background to the Section (3)

Opportunities:

- The newly formed Electrical Engineering Department of the University of Cyprus
- The establishment in the near future of Private Universities
- The probable solution to the Cyprus Problem and the addition of the Turkish Cypriot Electrical Engineers to Cyprus Section

Governance (3)

- The nominating committee nominates the candidates for election (every two years).
- The Chair does not opt for re-election and a higher office is proposed to the existing members of the Committee whilst new member(s) are nominated taking into account the needs of the Section/members.
- By utilizing the experience and guidance of past Chairmen. The two immediate past Chairs also serve in the Section Management Committee.).
- About 6 Committee meetings plus an annual general meeting are held each year.

Chapter Activities

- There are two Chapters: The Power Engineering Chapter (PE31) and the Computer and Communications Chapter (C16/COM19). Both chapters are active and especially the Communications/Computer which is organizing the majority of events. It is expected that two more Chapters will be formed in the near future in the area of Control and Management, since there has been an interest from members in doing so

Membership Development Activities (2)

- The proportion of members from Industry, Academia, and Government are as follows:
 - Industry 70%,
 - Academia 20%
 - Government 10%.
- The sources of new members are
 - the University of Cyprus
 - the recent graduates from universities returning to Cyprus

Lectures / Seminars / Workshops / Conferences

- **Speech and Audio Coding for Mobile and Multimedia Applications** by Dr. Andreas Spanias,
- **Wireless Telemedicine Systems: A brief overview** by Sotos Voskarides,
- **Introducing MPLS and Mobile IP in Next Generation Wireless Networks** by Dr. Vassos Vassiliou,
- **Future Wireless Broadband Communications: Impact and Perspectives to the Local Society** by Dr. Andreas Siamarou,
- **Data Broadcasting in Wireless Telecommunications Networks** by Dr. Charalambos Charalambous,
- **QoS Provisioning in Differentiated Services Networks: a Sample Path Approach** by Dr. Christos Panayiotou,
- **Optical Techniques for Non-Invasive Diagnosis of Disease** by Dr. Constantinos Pitris,
- **e-Commerce Workshop**, by Dr. Laurie Cuthbert,
- **Telecommunications at the out-front of the 21st century and their role to today's society** by Dr. Andreas Siamarou,
- **Health and Safety at Work- The implementation of the European Directives in Cyprus** by Dr. Jason Devereux,
- **High Tech Incubators** by George Michaeloudes,

Lectures / Seminars / Workshops / Conferences

- **Driver Behaviour Can Be Improved With the Help of Technology & Feedback** by Dr Bill Fincham,
- **Optical Communications Systems** by Professor John Midwinter,
- **Negative Refractive Index Metamaterials Using Periodically Loaded Transmission Lines** by Dr. George V. Eleftheriades,
- **Space Mapping: Modelling and Optimization Exploiting Surrogates** by Dr. John Bandler,
- **International Symposium on E-Learning & E-Training,**
- **Preparation and Presentation of a Technical Study** by Professor Philippos Constantinou,
- **Non Ionizing Radiation in Wireless Communication Systems** by Professor Philippos Constantinou,
- **Non Audible Murmur (Nam); Introduction, Applications and Automatic Recognition** by Dr. Panikkos Heracleous,
- **Solar Cities the Future** by Professor Susan Roaf,
- **Workshop in Face and Gesture Recognition in Human Machine Interaction,**
- **Wireless Bilateral Orthopaedics Support System** by Sotos Voskarides and Agathoclis Schizas

Lectures / Seminars / Workshops / Conferences

- **Dynamic Control and Optimisation of Buffer Size for Short Message Transfer in GPRS/UMTS Networks**, by Michael Markou,
- **Adaptive Algorithms for Antenna Beam Forming Applications**, by Andreas Spanias,.
- **The Isomorphism of Dynamic Conditional Branch Instructions**, by Yiannakis Sazeides,.
- **Stochastic Hybrid Systems in Air Traffic Management**, by John Lygeros,.
- **The Role of Testing in the Vlsi Realization Process and the Example of Delay Testing**, by Dr Maria Michael,.
- **QoS Provisioning in Differentiated Services Networks: A Sample Path Approach**, by Dr Christos Panayiotou
- **Computational Intelligence in Feedback Systems**, by Marios Polycarpou,.
- **On-Line Application Based Backstepping Control for Uncertain Nonlinear Systems with Constrains on the States and Actuators**, by Jay Farrell,.

Long Term Goals/New Directions

- To enhance the image of the Electrical Engineering Profession and to stimulate the interest of Electrical Engineers to the IEEE
- To increase the IEEE membership
 - by focusing on students
 - By having good relations with the Electrical Engineering department of the University of Cyprus
- To give an award “Industry of the year”

Best Practices

- **A very good relation with the IEE and the University of Cyprus.**
- **Very strong WEB page**
- **A best student award**
- **Visits of the ExCom to the CEOs of various Companies**
- **We utilize the presence in Cyprus of various visiting Professors or Professionals to provide us with a lecture/seminar**
- **We have assigned a contact person for each major Industry**

