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**IEEE Bulgaria Section Report October 2012**

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**1. Highlights from the past**

- Technical co sponsorship of InfoTech 2012 conference, in cooperation with section Bulgaria
- Technical co sponsorship of ELMA 2012 conference, in cooperation with section Bulgaria
- Technical co sponsorship of IEEE conference Intelligent Systems 2012 in cooperation with IM09/CS23/SMC28 Chapter and CIS11 Chapter
- Technical co sponsorship of the conference Electronics in Sozopol, 2012. It is done with active support of AP03/ED15/MTT17/CPMT Joint Chapter and CAS04/SSC37 Chapter
- Support of summer school in CAD in Electronics (16th to 31th July) in cooperation with ED/SSC Chapter Varna, and Student Branch Varna. Active IEEE student membership promotion during the school.
- Technical co sponsorship of the conference CompSysTech 2012, Russe; Summer School on Laser Physics and Applications

**2. Future activities**

- Contract for cooperation with National Society of engineers in Electronics, power engineering, automation, communication and computer science
- The support of the student paper award and student branch activities is also non-interruptive task of the section. The student branches in Sofia and Varna are not very active technically

**3. Best practices**

- Section is in good cooperation with neighboring sections, national societies of engineers, national camera of engineers
- Section Bulgaria supports its members during the membership applications and especially those without credit cards
- The contacts with members are based on person-to-person communications, email, and phone. The section is regionally distributed and local officers are supporting the process
- Contacts with industry are also person-to-person based. The industry officer has difficulties to cover broad subject areas and to attract high level management in big companies

**4. Points of concern / Topics for future discussion**

- Difficult recruitment of new volunteers among both regular members and student members. People are concentrated on their jobs and subject
- Student members are not interested in subscription to complicated papers. They do prefer overview data on the subject of their study
- Business people are not interested in high level scientific papers. They do prefer more marketing and innovation oriented data

**5. Miscellaneous**

- Visit of distinguished lecturer from CAS Prof. Franco Maloberti with lectures on "Technology Scaling and Analog Design" and "Power Efficient Data Converters"
- Visit of distinguished lecturer from SP Prof. Tulay Adali, Department of CSEE (Computer Science and Electrical Engineering), UMBC (University of Maryland, Baltimore County) with lecture "Data -Driven Analysis and Fusion of Medical Imaging Data"
- Section Bulgaria has long and productive cooperation with National Society of Engineers. The contract is under renew
- Formation of new chapters on vehicle engineering, power electronics and power engineering started. There are colleagues from industry interested to support
- Cooperation with chapters is generally good. Part of the chapters are not very active in conference participation
- People from industry do not see sense in cooperation with IEEE. The Industry Relations Officer has difficulties
- The promotion of the IEEE to local community is done usually on seminars, workshops and conferences. The same is valid for new technologies