IEEE Bulgaria Section Report April 2007

Officers: **Election Date: February 2007**   **Term End Date: December 2007**

- Chair: Jordan Kolev, 03737327;
- Vice Chair: Rositza Goleva, 40338066;
- Secretary: Sava Savov, 02011880;
- Treasurer: Katya Asparouhova, 41379652;
- Industry Relations: Todor Neshkov, 40348847;
- Educational Activities: Marin Hristov, 40216224;
- Membership Development: Katya Asparouhova, 41379652;
- Professional Activities: Boris Tsankov, 0129862;
- Student Activities Chair: Valentin Mollov, 40208738;
- Student Representative: Radostin Pachamanov, 80054665.

Membership (as of March 30, 2007):

IEEE Bulgaria Section has in total 206 active members (25 Senior Members, 124 Members and 57 Student Members) in 9 Chapters and 3 Student Branches. Our expectation is that Students will renew their membership, as usual, in the half-year campaign.

Major Conferences and Meetings:

More than 13 technical meetings and other events have been held in this period:

- Workshop on "Signal processing in VoIP codecs", October 12th, 2006, Sofia, Bulgaria;
- Lecture on "Dynamical technologies", October 17th, 2006, Sofia, Bulgaria;
- Workshop on "Analysis of translation mechanisms of IR units", November 9th, 2006, Sofia, Bulgaria;
- Technical meeting and discussions on "Low power design for distributed sensor networks", November 10th, 2006, Sofia, Bulgaria;
- Meeting and discussions on "Collaboration between IEEE members from Sofia and other cities", November 10th, 2006, Sofia, Bulgaria;
- Lecture on "L2- sensitivity minimization of state-space digital filters", November 20th, 2006, Sofia, Bulgaria;
- Workshop on "Implementation of an IGBT behavioral model in Matlab/Simulink", November 20th, 2006, Sofia, Bulgaria;
- Workshop on "Process ontologies", November 21st, 2006, Sofia, Bulgaria;
- Lecture on "Synthesis of discrete time systems with minimal L2 sensitivity", November 30th, 2006, Sofia, Bulgaria;
- Technical meeting on "Smart antennas applied to wireless communications", December 12th, 2006, Varna, Bulgaria;
- Technical meeting on "European research activities in micro- and nano-technologies", December 12th, 2006, Sofia, Bulgaria;
- Meeting of IEEE BG-Section, December 18th, 2006, Sofia, Bulgaria;
- Workshop on "Robots for micro- and nano-operations", December 22nd, 2006, Sofia, Bulgaria.

Best practices:

- Bulgaria Section is having a very active collaboration with the National Unions of Engineers and there are official Memorandums of understanding with the Federation of the Scientific and Technical Uions, the Union of the Electrical, Electronics and Communications Engineers and the Union of the Automation and Informatics Engineers, resigned every 3 years (last signed on Oct. 05, 2006);
- Bulgaria Section ExCom is organizing the preparation of the membership renewal documentation and the collection and transfer to IEEE HQs of the membership fee of more than 90% of the members.

Topics of concern:

Problems with recruitment of new volunteers among both regular members and student members.

Jordan Kolev, Section Chair, March 30, 2007