

Ukraine Section

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Getting Closer to Industry

- Close relationship with leading companies at Ukrainian industrial area: Danfoss, Camozzi, Melexis, OTIS, INCOM, CISCO, VD Mais. In the bounds of collaboration with Melexis, 10 awards are established for the best students. Annually NetCracker organizes free IT Courses for the students from 4th to 6th educational year. INCOM supports international conferences and student activity. CISCO laboratory of communication equipment involves students and professionals into R&D activity. Industrial partnership is organized with large enterprises in Kharkiv, Dnipropetrovsk and Mykolaiv.
- To improve industry relations more business partners should be involved in IEEE activity. Academic institutions are good platform for this. However, mutual integration should be intensified.
- Since the last meeting the work to enforce industry relations was made. Industrial partners of Faculty of Electronics, National Technical University of Ukraine "Kyiv Polytechnic Institute", National Technical University "Kharkiv Polytechnic Institute" and other large universities of Ukraine were involved in IEEE activity.
- Industrial partners in Kyiv and Ukraine that are employers of graduate students were informed about the activity of IEEE in Ukraine and possibilities for academic, scientific and business collaboration.
- In order to foster industry relations Ukraine Section plans to work closer with Ukrainian Union of Employers, and Ukrainian League of Industrialists and Entrepreneurs.

Students and Young Professionals

- Current activity:
 - Organizing of annual IEEE International Conference of young scientists "Electronics'2015" fully funded by IEEE Ukraine Section and Faculty of Electronics, National Technical University of Ukraine "KPI" (<http://elconf.ieee.org.ua>),
 - Public organization "Lady Science" - the longstanding partner of IEEE Ukraine Section and co-organizer of International conferences "ElNano", "IEPS", "Electronics", "Problems of Present-day Electrotechnics" - is aimed to support young scientists, student and gender activity in research and educational area of technical science,
 - Contest of scientific papers of young scientists with the money prizes was organized in the bounds of International Conference "Problems of automatic electrical drives. Power electronics and energy efficiency" (Kharkiv, September 16-19, 2015).
- Major successes:
 - VCF grants for participation in 8th IEEE Conference IDAACS'2015 are endorsed to Mykhaylo Dorozhovets (IEEE number 90644334, grant amount 480 USD) and Oleksandr Drozd (IEEE number 91281283, grant amount 520 USD),
 - 3 requests for IEEE Standard Education Grant.
- To better support activity it's necessary to increase the level of informing about the possibilities for funding, grant, and mobility through academic and public websites, social networks, academic environment.
- To support activity in the future it's planned to enforce academic and business interaction, student mobility, encouragement of grant obtaining, etc.

Section Vitality

- Activities:
 - YP and WiE AG are functioning in Ukraine Section,
 - Elections process for Section ExCom, YP AG, WiE AG was organized and continues (election date - December 1-7, 2015),
 - Forming of Ukraine Section Power & Energy, Information Theory, Industry Applications, and Industrial Electronics Joint Societies Chapter is in the process of petition approval. Section website content is updated regularly,
 - Pre-university activity and career workshop for successful resume creation and future employment are organized on the base of National Technical Universities in Kyiv, Lviv and Kharkiv,
 - Interaction with Chapters and members in Kharkiv, Lviv, Dnipropetrovsk, Zaporizhyya is maintained and supported,
 - Memorandum of Understanding for the 2016 13th International Conference TCSET 37402, 2015 Second International Conference PIC S&T 36709, 2015 Xth International Conference CSIT 37093, 2015 16th International Conference CPEE 36920, 2015 ITIB Conference 36866 have been approved.
- Changes: to improve Section vitality and sustainability more close communications with Section members, Chapters and AG on IEEE activities should be realized.
- Major successes:
 - Forming of WiE AG,
 - More strong relationship with industrial partners,
 - Participation in R8 YP Committee
- In order to foster vitality joint meetings with student branches and recruiting of new volunteers are planned.

Miscellaneous / Recommendations / Feedback

New initiatives:

- Consolidation of academic and scientific environment in Ukraine and partner countries in order to realize cluster approach in collaboration with business and industry,

- Encouragement of students and young professionals for active participation in IEEE activities including mobility and granting possibilities,
- Promoting gender equality in the area of technical science using capacity of Lady Science fund and special measures (seminars, courses, etc.),
- Sharing the information about IEEE activity among the students via educational process (specialized Master disciplines, seminars, workshops).