

IEEE HS REPORT 2015 QIII

1. Getting Closer to Industry

The Hungarian instrumentation and biomed industry is fragmented, not interested in long term, IEEE-based cooperation, but only in short term (thesis level) research topics, if any. IEEE background (at the industry side, and/or at the university side) does not mean a pulling force. Multis are neither interested.

The main difficulties seem to originate from the position of the Hungarian industry and these difficulties cannot be treated/relaxed by IEEE. IEEE membership gives good opportunity to recruit co-workers for EU-financed project so the industrial relationships can be strengthened on an international level with the help of IEEE. Via elaboration project proposals for what we seek potential partners from the industry, too.

The IEEE Hungary CS&C Joint Chapter will organize seminars on special topics for our colleagues working both in industry and university education. The seminar will provide a chance for the university teachers to contact their industrial partners and for the industry to launch new research projects at the universities. During these seminars those points should be defined for successful collaboration between university and industry which well fit into the university curricula while satisfy the needs of the industry.

2. Students and Young Professionals

Helping to publish - always! Without it students and the young researchers are handicapped in progress and excluded from grants and awards. The YP's primary goal is to connect with each other and not with industry, we do not have many direct activities. But during industry site visits and conferences we have the opportunity to meet representatives of the industry.

The conference costs, travelling, accomodation make it impossible to finance regular and substantial student presence at the conferences (from the point of view of a Central European educational institution grappling with an inadequate financing). A troubling phenomenon to mention, impairing considerably students enthusiasm: papers accepted as "fitting well" for the conference were rejected from the special issue, as "unfitting". Not a single case.

The IEEE Hungary CS&C Joint Chapter supports PhD Mini-Symposium which is a mini conference for PhD students to present their hot research and receive immediate feedback from experienced researchers. The IES/RAS Joint Chapter of HS regularly participates as financial co-sponsor and their co-workers contribute to the organization of IEEE-hallmarked inter-continental, regional conferences, and conference series.

3. Section Vitality

Region or Section should get much more autonomy in this respect.

Our members who are teaching at different Hungarian universities will advertise the IEEE and its benefits during their university lectures and keep providing the scientific credit of PhD Mini-Symposiums. In the academic sphere it is important to keep the professors and other educators in IEEE. Organizing yearly the Student Branch's members is very important, too. Normally after completing their university studies at the MSc or PhD level the students leave IEEE, depending on the conditions at their employers. It is of vital significance to recruit the newcomers.

This problem is mainly of financial nature as far as the membership fee of the students and other members is concerned. The existing members can produce "vitality" due to their scientific work related to publications.

Following the renewal of the leadership of the IES/RAS Joint Chapter of HS, this is rather the competence of the new leadership.

Mainly programs connected with technical visits are popular. A little funding would help raising activity of the group, at least travel reimbursement or daily allowance. Without it today's young generation is hard to be motivated.

4. Miscellaneous / Recommendations / Feedback

The Óbuda University plans to organize a regular series of conference on his birthday to cultivate the memory of Professor Antal Bejczy. I think that IES/RAS Joint Chapter of HS is indebted to support this effort both financially and professionally.

The IEEE Hungary CS&C Joint Chapter is going to organize special seminars for the university students and young professional where the benefits of IEEE membership will be advertised. We are also going to organize round-table discussion where our young colleagues will be able to collect information, make new friends in both industry and university education and learn special methods to boost their professional carrier.

The electronic Newsletter of the HS is warmly welcome by the IEEE HS memebers.