

Action for Industry in IEEE R8 reconnecting with Industry

**Afl at R8 Meeting in Stockholm
24th – 25th March 2017
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Action for Industry Progress

Progress

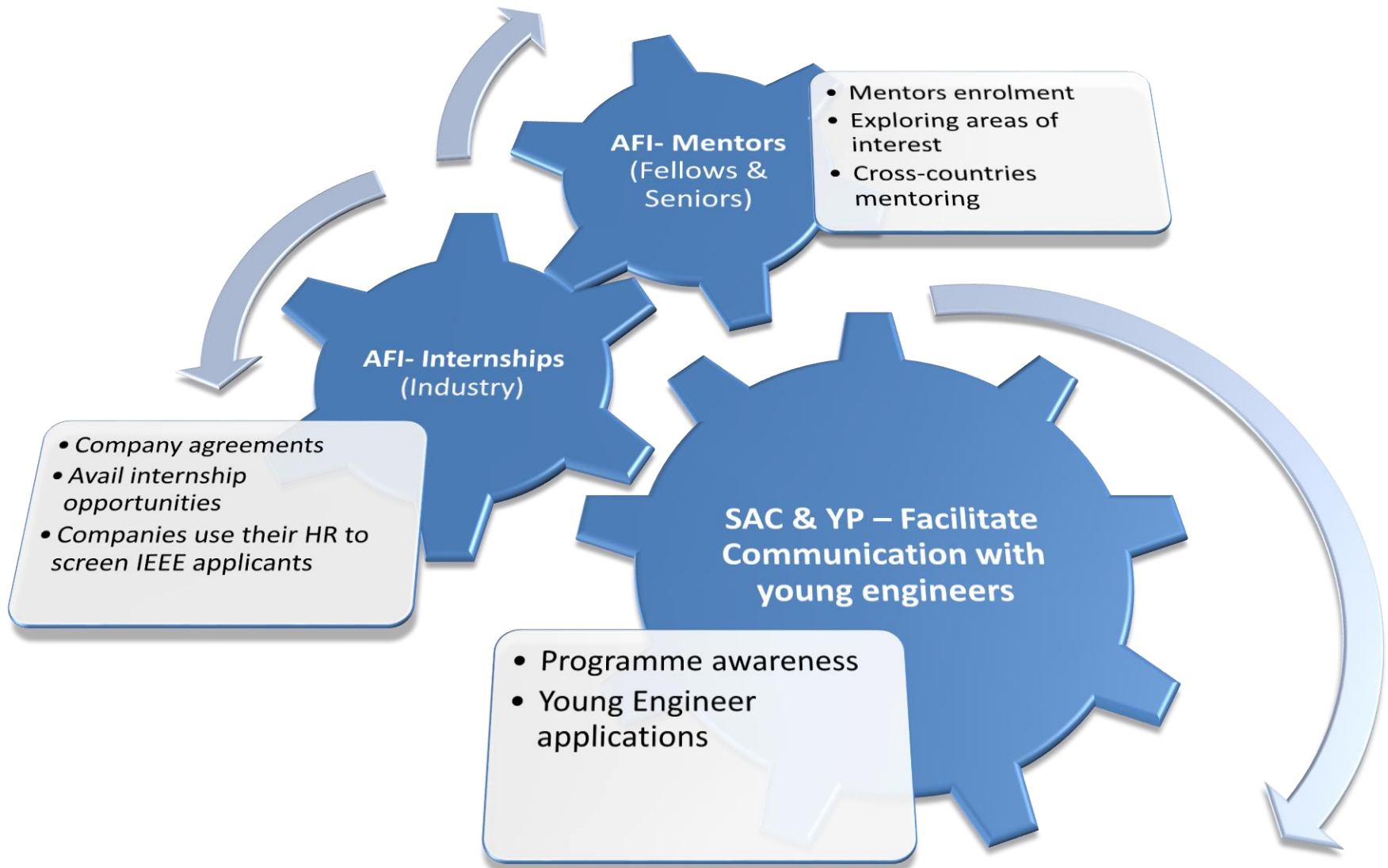
Industry Seniors and Fellows have been recruited as Mentors

Briefings about Mentoring are now on the R8 website
<http://www.ieeer8.org/category/technical-activities/action-for-industry/mentoring/>.

Industry Mentors are now listed on the R8 website
<http://www.ieeer8.org/category/technical-activities/action-for-industry/mentors/> . Young IEEE engineers can reach out to them for guidance.

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- Briefings about Internship are now on the R8 website:
<http://www.ieeer8.org/category/technical-activities/action-for-industry/internships/> .
- Internship offers obtained are listed on the R8 Website:
<http://www.ieeer8.org/category/technical-activities/action-for-industry/internships-offered/>.
- Companies seek high ability IEEE Students. They will be very selective and those who show commitment, communicate well and have good interpersonal skills. These are most likely to be offered places.



Action for Industry - 2016 Progress

Status

- We are pleased that many of our IEEE young engineers have applied and been accepted for Internships, and also sought contact with Mentors.
- More than 100 IEEE Students have been placed in Internships throughout Region 8 during 2016. Additionally, many IEEE Students and YPs have sought Mentoring. The Mentors have responded positively to the Mentees.
- R8 Hardship fund managed by Afl

Action for Industry – 2016 Progress

Participating Companies



- R8 has send ***Certificates of Appreciation*** to all the companies that have participated in the Internship initiative.



Action for Industry - 2017 Progress

Region 8 Industry Ambassadors have conducted Section Chairs and Section Industry Ambassadors in order to organize events with the industry and distribute the certificates to companies.

- A list of IRO and IA appointed by Sections in Region 8 was distributed to R8 IA.
- Communication with R8 YP committee chair and with R8 student representative.
- Communication about 2017 Afl with Section Chairs. Request to appoint Section IA, organize events with industry, run mentoring and internship programs.
- New MoUs are being agreed in Africa and Middle-East.
- Internship positions secured by STMicroelectronics Italy and U-TX Cyprus.

Action for Industry - 2017 Industry Events

- Italy Section is organizing the third International Forum on Research and Technologies for Society and Industry. Modena 11-13 September 2017.
<http://rtsi2017.ieeesezioneitalia.it/committees.html>
- Spain Section is organizing a panel with several industry representatives to be presented during the IEEE day.
- UK and Ireland Section is running Innovation / Research to industry (R2i - 2017) event to be held at Dublin City University in May 2017.
- Sweden Section is organizing workshops focusing on topics relevant to industry, with industrial speakers – often together with academia.
- Greece Section is organizing events with industry and students.
- Kenya Section is organizing events with the Industry representatives during 2017.
- Sweden Section is organizing WIE workshops and seminars with industry players.

Action for Industry Progress – Entrepreneurship

- UK and Ireland Section is running Innovation / Research to industry (R2i - 2017) event to be held at Dublin City University in May 2017.

Researchers (including IEEE Students) submit proposals and are selected to present (conforming to a precise template) successful research outcomes to potential industrial routes to market. The audience comprises industry players and some venture funds who attend to judge whether some of the research outcomes are worthy of exploitation and investment as businesses.

- The UK and Ireland Section Industry Ambassador team to run future R2i events in Scotland and England.
- Sweden Section had a workshop on Entrepreneurship in Spring 2016, with a live serial entrepreneur, reps from funding, university incubator and the Swedish agency for innovation. (live & webex).

Action for Industry 2017 Progress

- The UK and Ireland Section Industry Ambassador team will arrange Forums for SMEs (Small and Medium Sized Enterprises).
- The UK and Ireland Section Industry Ambassador team will examine the opportunities from Societal Implications of Technology.
- The UK and Ireland Section has developed the Practitioner Outreach to schools action.

The UK and Ireland Section have developed co-operation staff and volunteers of the Institute of Physics in arranging Outreach events to students. Such talks to students are by Industry practitioners who give early evening lectures to young students hosted at a senior college and attended by students from a number of schools.

Action for Industry 2017 - Next Steps

Immediate steps:

- **THANKS** to sections who appointed:

“IEEE Section Industry Ambassadors (SIA)”

I. More proactive than IRO.

II. Works internally to establish connections with their industry members and with both large and small companies in the country.

III. Works externally to co-ordinate with the Region8 IAs in implementing Afl plan.

- **Expand** the SIA teams to include YPs in industry.

Encourage Young Professionals in Industry to be (SIA)

(Note that each Section rebate must include budget for Industry activity. Where funds may be low, Section to provide a fully justified proposal to R8 for funding. In the longer term, IEEE Board to create budget for Industry actions).



Action for Industry 2017 - Next Steps

- Communicate with companies to seek new internship positions for 2017. Note that companies define their budgets for 2017 during September and October 2016.
- Grow the Afl internship programme to new companies via SIAs, Seniors & Fellows.
- R8 (in 2017 Awards) and IEEE global to include outstanding SIA recognitions SIAs for their contribution and results in 2016.
- Encourage industry entrepreneurs to visit academic institutions and discuss the challenges they face in their daily work.
- Invite industry entrepreneurs to serving on “design project” evaluation committees.

Action for Industry 2017 - Next Steps

Intermediate steps:

- IEEE Region 8 Afl to set up Industry Groups of Industry Leaders through the Seniors and Fellows
- IEEE Region 8 to provide forums for SMEs
- IEEE to set up nation-wide platforms for Industry OutReach to schools
- Corporate Membership of Industry Companies – not provided yet by IEEE, but precedent is the IEEE Standards Association. Corporate Membership shall have no voting rights. The benefit is the motivation of companies to be involved with IEEE and their motivation of employees to join. IEEE may offer reduced fees to employees of Corporate members.