

**YP250**

The Institution of
Engineering and Technology

Young Professionals 250

YP250 Newsletter

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Message from the Chair

The YP's in the five regions (UK, EMEA, Americas, Asia Pacific, and South Asia) have a need for local leadership, something that the YP Coordination Team cannot provide at Local Network level. This is where the YP Regional Committee (YPRC) comes in: to fill in the gap between the YP250 and the YP Coordination Team, while improving the YP Forum.

The IET is supportive of this new community-based leadership group, as it allows more YP's to get involved in central YP activities. If we step back and look at the bigger picture, it's not whether or not we should form the YPRC, but how can we can help our Local Networks and YPS achieve their goals via the YPRC.

It is important to note that the idea behind the YPRC is inclusiveness, since it allows the committee members to be part of the YP Forum. Collaboration amongst YP's in different regions is only effective when everyone works as a team.

The Americas and South Asia regions has already established their own YPRC. So it's time for the rest of the regions to get involved. We are seeking YP volunteers to become part of a great endeavour with the YPRC in the UK, EMEA, and Asia Pacific regions. Please contact the YP Coordination Team at youngprofessionals@theiet.org for more information.

David Leong
Chair, YPCT

News – Mentorship Programme for University Students

The Students Section (Hong Kong) (SS(HKG)) is one of the Students Sections under the Younger Members Section (YMS) of the IET

Hong Kong. While the other two Students Sections serve the universities in Macau and Sub-degree students in Hong Kong, SS(HKG) focuses on serving university students in Hong Kong. SS(HKG) has launched a new initiative this year to better satisfy the needs of its target group. Knowing that the university students generally have little knowledge about their possible career paths and are in need of proper guidance for career planning, SS(HKG) has organized a Mentorship Programme for the university students.

Ten committed and enthusiastic young engineers with 5 to 15 years of working experience were invited to be the mentors. Each mentor was assigned a group of six mentees. Having graduated not too long ago, the mentors would be able to understand the problems the mentees face in career planning. Meanwhile, they could also share with the mentees their experience in job hunting, how they developed their expertise in their career and offer advice on how to prepare oneself for his career. The narrow age gap also allowed the mentors and mentees to build up closer relationship. The Programme has received overwhelming response and has attracted over 100 applicants. Around 60 students were chosen to join the Programme as mentees. Each group included one mentor and around 5 mentees.

At the Opening Ceremony on 4 February 2012, the mentors and mentees were introduced to one another. Games and personality tests were prepared to facilitate communication and understanding among the mentors and mentees. Apart from meetings between the mentors and mentees, the mentees are requested to take part in several events of the SS(HKG) in order to complete the Mentorship Programme. This offer further networking opportunities for the mentees and enable them to broaden their horizon through the SS(HKG) events. Since most of the mentors are active IET members, the event has also allowed the students to learn about the IET and stimulated their interest in joining. A

Closing Ceremony will be held in July 2012 to conclude the Programme.



The mentors and mentees attended the Opening Ceremony of the Mentorship Programme on 4 February 2012



Some mentees joined a technical visit to an aircraft maintenance company as part of the Mentorship Programme

News – Annual Technical Conference: PATW 2011/2012

The Young Professionals of the IET Sri Lanka is an organisation which conducts various events for the young Engineers & the undergraduates in Sri Lanka to enhance their careers. It also provides a forum for its members to update their knowledge in areas of rapidly changing technologies through seminars, guest lectures, field visits and technical conferences & etc.



The Flagship event of IET YP Sri Lanka, The Annual Technical Conference was held for the 10th Successful year in University of Moratuwa on December 17th 2011 with the participation of three Universities namely Moratuwa, Peradeniya & Ruhuna as well as representatives from the Industry. The main objective of this Conference is to give an opportunity for the researchers in the



Organising Committee

Engineering disciplines to present their research outcomes and share knowledge between academic and industrial professionals.

Altogether there were 40 papers published during the conference where 25 selected papers were presented. The papers were mainly showcasing the Final Year Projects & Researches done in the fields of Electronic, Electrical & Computer Engineering. Event was graced by present IET Sri Lanka Network Chairman Eng (Mr.) Rohan Senavirathne as the chief guest.



Chief Guest Addressing the gathering

Winners:

First place was from university of Peradeniya titled “Designing of a Sensor System for Non Invasive Cross Sectional Imaging Using Electric capacitance Tomography”, presented by M.G.C.P. Mediawathe, S. E. Wijethilake, K. E. Wijethilake, and D. B.W. Abeywardana & supervised by Dr. J. V. Wijayakulasooriya & Dr. D.Uduwawala

Second place was from University of Moratuwa titled “Low Cost Eye Tracking System”, presented by D.P. Nagasinghe, A.P.A Perera, K.A.M.N. Pathiratne, C.D. Pathirawasam, and W.G. Pawithra & supervised by Dr.Asanka Rodrigo.

Third place was also from university of Moratuwa titled “Location Demystifier for Tourists” presented by E. Waruni Lanka Udayangi & supervised by Eng (Mr). D.K Withanage.



Winning Team

Winning team will represent Sri Lanka in the next IET PATW South Asian Finals in India, and winners from that will represent IET PATW World Finals held in UK this year (2012).At the end of the event there was a general discussion where the event was highly appreciated by the participants.

Thilina Rajapaksha
Senior Editor,
IET YP Moratuwa Chapter

Young Professionals’ Lecture 2012

In a world full of expensive, "closed" consumer devices emerges the Raspberry Pi, a low-cost credit-card sized computer that can be plugged into a TV and a keyboard.

The hope is to see it being used by kids all over the world to learn programming, but it also serves as an ideal platform for hobbyists to try out new ideas.

Eben Upton, Founder of the Raspberry Pi Foundation, will talk about the transition from large, high performance systems to cheap, low power and potentially disposable hardware.

But what does the future hold for these innovative and disruptive products? Will threats to openness result in complete closure of future hardware platforms?

For more information about the YP Lecture happening on 18 October 2012, go to <http://conferences.theiet.org/yp-event/index.cfm>

YPS of the Month

The London Young Professionals

The London branch of the IET Young Professionals continues to grow from strength to strength, providing the public and members of the IET with varied opportunities to network, intellectual exchange on science and engineering subject matters, and gain further employability skills. These events have hosted presentations from selected speakers on current subjects including Cybernetics, entrepreneurship; and the smart grid. The success of these events and the ardent dedication of the London team have led to an increase in interest and attendance of organised events and the IET as a whole.

This year the London Young Professionals (LYP) have successfully organised and sold out many of their events including a new members evening to inform the interested public about the IET. This evening has a tour of the glamorous ambience of the London Savoy Place. Other LYP events successfully executed this year include the one-to-one professional registration workshop; life-skill trainings; and the crowd attracting annual Engineering challenge which featured the previous president of Virgin Galactic, Will Whitehorn as the guest speaker. Will's presentation on the commercialisation of space was hugely informative, highly entertaining, and insightful. The Engineering Challenge was very interactive with members enthusiastically participating throughout and especially in the quiz session.

The London network also promotes working and collaborations with other sectors and institutions. This has generated leading topics like "An obsession with speed - The challenges of formula one", "Electric space propulsion and the Bepi Colombo mission to Mercury", and "Optimise Energy utilisation –

an end user perspective". There have also been networking and speaking opportunities for the young professionals in the IET Present around the World competition. Students and young engineers have won prizes and awards, up to £1000 and overseas trips, for exhibiting excellent presentation skills.

All in all, it has been another highly successful year and a big well done to the London team. The LYP is looking to reach out to the Universities and work with students and academics. Please feel free to reach out (<http://www.theiet.org/local/uk/london/yp.cfm/>). Next year promises to be even bigger, better, and much more fun. Stay tuned and keep in touch.

Femi Olushola
Chair
IET London Young Professionals

Member In Focus

Alyssa Randall



Alyssa Randall completed her undergraduate degree at the University of Guelph in Canada in Biological Engineering. She is currently completing her masters in Biomedical Engineering, and has recently started a full time position at a biomedical device company in Toronto, Canada.

Alyssa got involved with the IET by competing in the Present around the World (PATW) competition in 2009. She was part of the team that planned the first multi-local network

PATW Finals in the Americas in 2010 which has grown to include 4 more PATW locations with 2 more planned for 2013.

After moving to Calgary in 2010 she continued to volunteer, organizing Calgary and Edmonton's first PATW competitions. Alyssa is the Chair the of the Young Professional Regional Team – Americas and a member of the Community Committee – Americas and an organizer of the Americas 2012 PATW Finals and Volunteer Conference Weekend.

Alyssa enjoys being able to contribute to IET and young professionals by organizing technical and networking events, scholarships and mentoring young professionals. She is looking forward to continue these contributions and is grateful for all the experience and opportunities the IET has given her.

Hot Debate

Join the IET Young Professionals' Discussion at MyCommunity.

<http://mycommunity.theiet.org/communities/discussions/34/82>

Hot Opportunities

Volunteers Opportunities Notice Board

<http://www.theiet.org/volunteers/get-involved/opportunities/>

Hot Tip

Social Media Guides

Social media is a wonderful tool for communicating and organising events and activities. But there are rules concerning our use of these online tools. Go to the link below to read more about it.

<http://www.theiet.org/volunteers/socialmedia/>

Marketing Toolkit

The IET has developed a marketing toolkit for volunteers. This would make life easier for volunteers to promote the IET in your Local Network.

<http://www.theiet.org/volunteers/resources/marketing/index.cfm>

Contact Us

Email: youngprofessionals@theiet.org

Visit our website:

<http://www.theiet.org/volunteers/young-professionals/index.cfm>

Find us on Facebook:

<http://www.facebook.com/iety250>

Editorial

We're half way through 2012 already and the IET calendar of events has been full!

Many networks have already held their local and regional finals for the exciting PATW and some are in the process of doing so. The YPCT was recently at the UK finals in Cardiff, Wales and the competition there was impressive! If that was anything to go by, the PATW world final in London later this year will definitely be thrilling!

Coming up this year, we have the Volunteers Conferences which are being held regionally for the first time. A lot of hard work is being put in to make sure that this event is a success for regional participants and organizers. If there is something in particular you would like to gain from your regional conference, or an activity you would be interested, please send us an email or get in touch with your regional Communities Committee.

Last but not least, the ever burning question, what has your YPS been up to in the past few months? Write to us and tell us all about it! We'd love to hear from you!

Qurat-ul-Ain Tabassum, MIET
Newsletter Editor

Young Professionals 250 Newsletter is a bi-monthly newsletter for internal circulation to members of the IET Young Professionals 250. The IET is not as a body responsible for the opinions expressed in Young Professionals 250 Newsletter.