



Newsletter April 2016

Directors Notes

My first symposium as Director is now over but work continues to gather your **feedback, comments, suggestions** for next year. So please, **PLEASE** do complete the survey that will be coming your way in the next week or so. It all helps us to build on the success of the symposium and make changes where needed to keep the event fresh, valuable and memorable.

As I indicated at the end of the symposium I am now working on the redevelopment of the **SU2P website** and will be in touch requesting content, feedback, ideas and images. Don't wait for me to contact you if you have something you want to suggest or send—*do it now.*

A few people have indicated interest in **Staff Exchanges** so please follow up with me and get in touch to discuss further.

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Notifications

Don't miss out on a great opportunity—there are still 5 places available on the ESRIC Super-Resolution Summer School .You can apply via this link:
<http://www.esric.org/summer-school.html>

Technology Scotland in association with the SOA are running a Compound Semi-Conductor Applications workshop on May 4th 2016. Further information via this link

<https://www.technologyscotland.scot/event/compound-semiconductor-applications/>

And register free here— info@technologyscotland.scot.

SU2P SYMPOSIUM 4-5 April 2016



Congratulations to the University of Edinburgh for hosting the 7th SU2P Symposium!

The South Hall Complex provided a great venue for all who participated from delegates to exhibitors and guest speakers.

We were lucky to have some **great speakers** from home and away so a big thank you to them for making the symposium so *interesting, stimulating and informative.*

Well done to the **students** who presented their posters in fast track mode—*a big highlight of the event!*

Congratulations to our image competition winner— **Aruna Ivaturi** from Edinburgh University.

Thanks to our supporters in industry in both the **exhibiting companies** and our industry partners **Optos, Coherent, M2Lasers and Kaiam.**

Thanks to **Thorlabs** for sponsoring the musical entertainment for the banquet.

Thanks to **Colin Prior** for a truly inspirational presentation at the banquet

Finally THANK YOU ALL for taking part and please complete the feedback survey when it arrives!!!!!!



Aruna Ivaturi's winning image—*nano grass field*



This is a cross-sectional scanning electron microscopy image depicting 'Nano-grass Field' of zinc oxide nanorods (60 nm average diameter and 1 μ m average length) grown via hydrothermal route using Zn seed layer. In contrast to the picture which shows the 'Nano-Grass Field' in bright moonlight, the highly oriented crystalline zinc oxide nanorods are grown via this low temperature method to be used in sunlight as semiconductor electrode material for dye-sensitized and perovskite solar cells that are emerging as future generation cost-effective solar cells. The 'bird sitting on the rock' in the 'grass field' is formed of the substrate during the process of breaking the sample for cross-section imaging

Looking ahead —SU2P in the USA

Following the success of our networking event at Photonics West this year we are already considering our plans for later in 2016 and early 2017. Please let me know if you are interested in any or all of the following to help us in our planning of future activities

- ◆ attending the SPRC Conference in September 2016
- ◆ planning on attending Photonics West in 2017
- ◆ developing new contacts with our partners in Stanford or CalTEC
- ◆ visiting the Stanford campus

SU2P Pilot Projects and Staff Exchanges—OPEN CALLS

SU2P "Pilot" projects are pilot or proof of principle exercises that have a clear potential for commercial exploitation. The project work will build on existing research programmes and infrastructure.

The SU2P Staff Exchange programme is open to any researcher (PDRA or academic staff) employed by the partner institutions and enables researchers, either singly or in combination, to spend between one and six months in a trans-Atlantic partner institution.

If you have an idea for a pilot/development project or a staff exchange involving SU2P industry partners and Stanford colleagues—*ask for more information and apply now*