



Silicon Photonics Adoption in UK Industry

Wednesday 11th October 2017 • Ricoh Arena, Coventry, UK

Silicon Photonics Adoption in UK Industry - impact by collaboration

Silicon Photonics is a rapidly evolving research field that has attracted considerable recent interest from both academia and the semiconductor industry. Utilising silicon-based material platforms, and combining mature silicon processing technologies and tools from the semiconductor industry, silicon photonics offers the most promising solutions for industrial-scale fabrication of hybrid devices in which optical and electronic components are integrated onto a single chip.

In recent years, with the assistance of research funding for photonics technologies under the auspices of *Photonics for Future Systems* programme and the *Future Photonics Hub*, considerable progress has been made in design, characterisation, and manufacture of photonic-electronic integrated circuits.

Many applications could benefit from silicon photonics technology. This conference focusses on recent developments and new opportunities for UK industry.

Of importance to attendees at this conference is the adoption of silicon photonics – how can academia assist industry to benefit from silicon photonics in new devices and systems?

This meeting is led by a team from the Optoelectronics Research Centre at the University of Southampton and includes contributions from key research groups around the UK, with the involvement of companies currently adopting silicon photonics technologies.

The meeting comprises a programme of invited speakers and a poster session. The programme will allow time for delegates to network with others and to visit the exhibition.

EPSRC

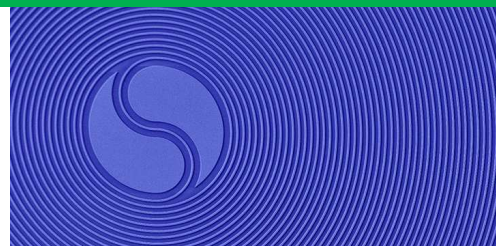
Engineering and Physical Sciences
Research Council

AN EPSRC PROJECT OUTREACH EVENT

The **FUTURE PHOTONICS** Hub

Advancing the manufacturing of next-generation light technologies

UNIVERSITY OF
Southampton



TECHNICAL PROGRAMME COMMITTEE

Dr Callum Littlejohns (Chair),
Optoelectronics Research Centre,
University of Southampton, UK

Stephen Duffy
Optocap Ltd, Livingston, UK

Prof Michael Leiby, Lightwave
Logic Inc, Colorado, USA

Dr Wyn Meredith,
Compound Semiconductor Centre
(CSC), Cardiff, UK

Prof Graham Reed,
Silicon Photonics Group Leader,
University of Southampton, UK

Prof Alwyn Seeds,
Professor of Opto-electronics,
University College London, UK



SILICON PHOTONICS
for Future Systems

'Silicon photonics adoption by UK SMEs' is an outreach meeting of the EPSRC funded Silicon Photonics for Future Systems (SPFS) project and The Future Photonics Hub.

SUPPORTED BY



MORE INFORMATION

enlightenmeetings.com

ADMINISTRATION & ORGANISATION

Brenda Hargreaves, Enlighten Meetings/Xmark Media Ltd

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CALL FOR POSTERS

This meeting is an opportunity for you to contribute to research knowledge, to meet with like-minded researchers and to network at a high level.

The main meeting programme will be by invitation however we are keen to involve students and early career scientists who are researching novel and exciting new techniques or unique applications.

We invite abstracts for poster presentation which will be peer reviewed and accepted on the basis of their technical merit.

Posters will be located inside the Photonex exhibition area for maximum exposure, impact and will provide an invaluable networking opportunity.

Two poster prizes

One will be given for the best presented poster - voted on by delegates and a second for technical merit - voted on by the organising committee.

ABSTRACT SUBMISSION:

Email please to info@enlightenmeetings.com and quote "Poster submission / Silicon Photonics" in the subject line.

Please provide a 100-200 word abstract.

Deadline for submission: 11th September 2017

Authors will receive acceptance notification within 48 hours.

CONFERENCE REGISTRATION

Registration is now open.

This meeting is offered free of charge .

ADMINISTRATION & ORGANISATION
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WHAT TO DO NEXT

- ◆ Send this information to colleagues and associates who may be interested
- ◆ Register yourself for event updates at:
www.photonex.org/subscribe

Once registered you will be sent regular updates.



Photonex
The Technology of Light

This meeting is held within the Enlighten Conference and co-located with Photonex 2017.

The programme will be prepared to allow all delegates sufficient time to visit the exhibition. This will be available nearer the time on the website. Please register for updates to receive notification of the programme going live.

Interested in sponsoring?

Please contact Laurence Devereux by email: ld@photonex.org or call +44 (0)1372 750555

MORE INFORMATION
enlightenmeetings.com