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Advancing light.**SPIE is the international society  
for optics and photonics

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Entire Site

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▼ Press Room

▶ Press Releases

Event News and Photos

SPIE in the News

SPIE Member News

Social Media: Connect

RSS Collection

For the Press

History

Leadership and Governance

Fellows and Senior Members

Awards Programs

SPIE Giving

Related Organizations

Jobs at SPIE

Public Policy

PRINT PAGE | EMAIL PAGE | BOOKMARK

**SPIE participates in transatlantic research/industry consortium's annual event****15 April 2011***Bob Byer (Stanford Univ.) and Wilson Sibbett (Univ. of St. Andrews) at the SU2P Symposium.*

ST. ANDREWS, Scotland, UK -- SPIE CEO Eugene Arthurs addressed the Second Annual SU2P Symposium in St. Andrews, Scotland, recently, joining a lineup of invited speakers with a presentation on photonic industry trends.

Arthurs told the attendees that the market had recovered strongly from the recession. Segments like solar, lighting and the consumer areas, tablets with displays and requiring lasers multiple times in fabrication, as well as 3D, were booming, he said. R&D on the industrial side was at least \$22 billion, but for photonics, in some geographies the supply of skilled people was mismatched to the need.

More than 200 people took part in the two-day meeting of the SU2P consortium of Scottish and California universities, as well as industry partners on both sides of the Atlantic. Opened by a welcome from Wilson Sibbett of the University of St. Andrews and a keynote from Bob Byer of Stanford, the symposium included more than 25 talks by leading academics from around the world, showcasing innovative work at Stanford, Scotland, Cambridge and China.

In addition, two SU2P Entrepreneurial Fellows presented their findings. Weisheng Lu, a 2009 PhD from the University of Nottingham, has been working at Stanford on development and characterization of 1.3 mm mode-locked integrated-external-cavity surface-emitting lasers, which can be used as light sources for bioengineering and medical applications. Keith Mathieson, a professor at the University of Glasgow, talked about his work at Stanford using high-density microelectrode arrays to characterize how the retina responds to subretinal stimulation by the optoelectronic prosthesis. [Mathieson also co-authored a paper on this work at SPIE Photonics West.](#)

SU2P is a collaboration of six universities that delivers a disruptive new approach to business engagement, with facilitated, flexible interactions between UK industry and university researchers in Scotland and the US. The

collaboration works hand-in-hand with industry partners to understand their needs and then identify relevant investigators motivated to provide expert advice and/or deliver flexible project solutions to company requirements. The effort has received funding worth £1.6 million over three years from the Science Bridges awards, announced by Research Councils UK.

For more information on SU2P, visit their website: <http://www.su2p.com>.

[SPIE](#), the international society for optics and photonics, was founded in 1955 to advance light-based technologies. Serving more than 180,000 constituents from 168 countries, the Society advances emerging technologies through interdisciplinary information exchange, continuing education, publications, patent precedent and career and professional growth. SPIE annually organizes and sponsors approximately 25 major technical forums, exhibitions and education programs in North America, Europe, Asia and the South Pacific, and supports scholarships, grants and other education programs around the world.

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