

## The 14<sup>th</sup> OptoElectronics and Communications Conference OECC 2009 IN HONG KONG, CHINA

The 14<sup>th</sup> OptoElectronics and Communications Conference (OECC 2009) took place in Hong Kong SAR, China from 13 to 17 July 2009 with over 500 participants from 25 countries. The conference was organized by The Hong Kong Polytechnic University (PolyU) and co-sponsored by the IEEE Hong Kong Section and the IEEE Photonics Society Hong Kong Chapter. The IEEE Photonics Society was the Technical Co-sponsor of the conference. Prof. Ping-kong Alexander Wai of the PolyU served as the Conference Chair, and Prof. Kin Seng Chiang of City University of Hong Kong undertook the role of Technical Program Committee (TPC) Chair.

### Conference Program

The conference was held at the Hong Kong Convention and Exhibition Centre and the 5-day program consisted of a plenary session, 4 workshops, 7 tutorial sessions and 70 technical sessions (inclusive of 65 oral paper sessions, 1 poster session, 1 postdeadline paper session, and 3 IEEE Student Paper Award Competition sessions).

The technical program was run in 6 parallel sessions from 14 to 17 July in the 7 technical categories namely Emerging Technologies; Optical Fiber and Waveguide Devices; Optical Networks and Broadband Access; Optical Sensors and Systems; Optical Signal Processing; Optoelectronic Materials, Devices and Modules; and Transmission Systems and Switching Technologies.

### Paper Acceptance

The conference received the submission of 444 contributed papers. With the high quality of the submitted papers, it turned out that 360 papers were accepted, representing an overall acceptance rate of 81%. 280 papers were accepted for oral presentation and 80 for poster presentation. The conference also received 84 invited papers. And 7 postdeadline papers were accepted out of the submission of 21 papers. As a whole, papers accepted for OECC 2009 came from a total of 24 countries spanning across Asia Pacific, Europe, Middle East, and Americas.

### Plenary Session

The conference was unveiled on 14 July 2009 with an opening ceremony, followed by a plenary session presented by 3 top-notch scholars and experts on optoelectronic and optical communication. Prof. Martin Green, The University of New South Wales, Australia outlined the *Future of Solar Energy*. Prof. Wen Liu, FiberHome FuHua Electric Co. Ltd., China presented *Innovative and Cost Effective Optical Components for Fiber Communications*. Prof. Alan Willner, University of Southern California, USA presented *Future Directions of Optical Communications*.

### Exhibition

OECC 2009 ran an exhibition from 14 to 16 July 2009. A total of 11 booth / tabletop exhibitors showcased their cutting edge technologies and the latest applications. They were:

- A & P Instrument Co., Ltd.
- Alnair Laboratories Corporation
- Amonics Limited
- Dymek Company Ltd.
- Micron Optics
- Nextrom Oy
- Photonic Group of NICT, Tokyo
- PriTel Inc.

- Santec
- Southern Photonics Ltd.
- Yangtze Optical Fiber & Cable Ltd.

### **IEEE Student Paper Award Competition**

The Student Paper Award Competition was sponsored by the IEEE Photonics Society. The competition received an overwhelming response from students. In total 103 papers were received and 17 finalists were selected to give a presentation to compete for the award. Finally 6 students were selected for the “OECC 2009 IEEE Best Student Paper Award” and they were awarded during the conference dinner.

### **Social Activities**

A number of social events were also organized for networking and exchange.

A conference reception was held on 13 July 2009 at a function room with a stunning panoramic evening view and skyline as a backdrop to welcome the delegates.

On the second day evening, a specially-arranged Victoria Harbour Tour let the participants to go aboard the Star Ferry – one of the 50 places of a lifetime as named by the National Geographic Traveler.

At the conference dinner on 15 July 2009, the Chinese orchestra performance coupled with the fabulous Chinese cuisine made the night an enjoyable moment for the guests.

### **Corporate Sponsorship**

The conference received great support from industry players. These include Diamond Sponsor Nextrom Oy; Bronze Sponsors Amonics Limited, BASAS Microelectronics, Luster Lightwave Co., Ltd., Micron Optics, Specrys Ltd. and QEQuest.com.

### **More Information**

Further information on the conference can be found from the conference website at <http://www.oecc2009.org>.