

Special Meeting from Technical Committee on Lasers and Quantum Electronics (LQE), IEICE Pre-Conference of 25th International Conference on Semiconductor Lasers



Date: 13:00-17:10, December 18, 2015

Venue: Room "Kenshu-2", B3F, Machinery Promotion Hall (In front of Tokyo Tower)
(<http://www.jspmi.or.jp/english/about/access.html>)

Abstract: 25th International Conference on Semiconductor Lasers (ISLC2016) will be held at Kobe Meriken Park Oriental Hotel from September 12 to 15, 2016 (<http://islc2016.org/>). Since the first conference held at Las Vegas in 1967, ISLC has been playing very important roles to the evolution of semiconductor lasers from the view points of both academic aspects and industrial applications. Prior to having the conference in Japan after ISLC2010 in Kyoto, Technical Committee of Lasers and Quantum Electronics (LQE), IEICE that has historically deep relationship with ISLC in Japan has decided to hold the pre-conference in cooperation with Local Committee of ISLC2016 (Chair: Yuichi Tohmori) to promote ISLC2016 and to activate the discussion on the semiconductor lasers and their related technologies with distinguished speakers.

Program

13:00-13:05	Opening remarks	Hajime Shoji (Sumitomo Electric)
13:05-13:15	Introduction of ISLC2016	Yuichi Tohmori (Tsurugi-Photonics Foundation)

Session 1: 13:15-15:15

Chair: Luke J. Mawst (Univ. Wisconsin-Madison)

13:15-13:45	Physics and applications of phased VCSEL arrays	Kent D. Choquette (Univ. Illinois)
13:45-14:15	VCSEL photonics (tentative)	Connie Chang-Hasnain (UC Berkley)
14:15-14:45	Ultra high-speed semiconductor lasers	Kazuhisa Uomi (Oclaro Japan)
14:45-15:15	Realization and applications of mass-productive quantum dot lasers	Kenichi Nishi (Univ. Tokyo/QD Laser)
15:15-15:35	- Break (20 min.) -	

Session 2: 15:20-17:10

Chair: Susumu Noda (Kyoto Univ.)

15:35-16:05	Monolithic coherent power scaling of mid-infrared quantum cascade lasers	Luke J. Mawst (Univ. Wisconsin-Madison)
16:05-16:35	High performance semiconductor lasers and their applications	Yi Luo (Tsinghua Univ.)
16:35-17:05	Low threshold lasers for datacom and computercom applications	Shinji Matsuo (NTT)
17:05-17:10	Closing remarks	Akihiko Kasukawa (Furukawa Electric)

Note 1: No need for advance registration and registration fee except the text book.

Note 2: Conference party will be held after the conference.

Sponsored by Technical Committee on Lasers and Quantum Electronics (LQE), IEICE
In cooperation with Local Committee of 25th International Semiconductor Laser Conference (ISLC2016)
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