

InterOpto'06 EXHIBITORS SEMINAR

Exhibitor seminar:Exhibitor Hall 5 Conference Room
Admission Free,Simultaneous Translation to Japanese or English
Introduce the Latest Technology & Application
The theme and the lectuere may change later.

Jul.12 (WED)

10:30-11:20	Recent Development in High Power Diode Lasers
	FRANCK LEIBREICH SPECTRA-PHYSICS, INC.
	ABSTRACT A technical review of recent developments in high power diode laser semiconductor materials and thermal management.
11:30-12:20	High Power Diode Lasers for Industrial Use
	JORG NEUKUM DILAS DIODENLASER GMBH
	ABSTRACT About the high efficiency High power Diode
12:30-13:20	Reliable High Power Diode Lasers from JENOPTIK Diode Laser Group
	JOHANNES WOLF JENOPTIK LASERDIODE GMBH
	ABSTRACT We are manufacturer of the high power diode laser and our motto is "Quality First." We will Lecture on our products.
13:30-14:20	High Brightness Semiconductor Lasers
	ED MCLNTYRE QUINTESSENCE PHOTONICS CORPORATION
	ABSTRACT Quintessence Photonics Corporation has demonstrated Advance in High Power Laser Diodes including increased spect-ral and spectral brightness from 780-1600nm.
14:30-15:20	Diode Pumped Solid State (DPSS) Lasers in Microelectronics Manufacturing
	PHILIPPE FERU SPECTRA-PHYSICS, INC.
	ABSTRACT Recent Development in industrial LD pumped solid state laser and their applications.
15:30-16:20	Introduction of Coherent UF Products Line-ups and the Applications :“New Ultrafast Products Enable New Experiments”
	NIGEL GALLAHER, STEVE BUTCHER COHERENT, INC.
	ABSTRACT Coherent will introduce pulse-width (band-width variable ultrafast oscillators and wave shaping technology in regenerative amplifiers, including the applications.
16:30-17:20	Aluminum-Free High Power Diode Lasers
	RON BECHTOLD ALFALIGHT
	ABSTRACT About the Aluminum-Free High Power Diode Lasers

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Jul.14 (FRI)

10:30-11:20	Advanced Photonic Design Automation Software for Passive and Active
	YING ZHOU RSOFT DESGIN GROUP, INC.
	ABSTRACT This Presentation will discuss current industry applications in photonic devices, including LED, Liquid Crystal, nanometrology, PBG Laser and detectors, using the industry's leading design tools from RSoft. This will include discussion of BeamPROP (BPM), FullWAVE (FDTD), and the rest of RSoft's passive design suite, as well as our active device simulator laserMDD. New capabilities, including advanced meshing (e.g. non-uniform mesh) and new material models, will be highlighted.
11:30-12:20	The Latest Developments in Wales and UK for Optic Sector
	DAVE RIMMER INTERNATIONAL BUSINESS WALES
	ABSTRACT Wales has 60 optoelectronics companies and boasts a workforce, 5000 strong. This seminar is aimed at introducing Wales as the best location for the optoelectronics business by hting its incubation facilities and support that incubating companies receive at the Technium. It also touches some of the expertise and capabilities offered within the optoelectronics field.
12:30-13:20	Introduction to Green Diode Laser Product Family
	PAUL DENG PHOTOP SUWTECH INC.
	ABSTRACT Photop Technologies will introduce a series of Green Diode Laser (GDL) products. The GDL laser (CW) is a microchip SHG laser at 532nm with size as small as a Laser Diode and can be massively produced. The product family covers from the low power to the high power range with low noise and wide working temperature characteristics. Along with the compact design and industrial reliability performance, the GDL laser's application area covers from Semiconductor Inspection to the Laser display.
13:30-14:20	Super 5-axis Nano Machine "FANUC ROBONANO α-0iB"
	TOMOHIKO KAWAI FANUC LTD.
	ABSTRACT Super 5-axis Nano Machine "FANUC ROBONANO α -0iB"and various nano machining samples
14:30-15:20	New Methods for Aspheric Metrology Using Subaperture Stitching
	TAMOTSU KUME QED TECHNOLOGIES JAPAN
	ABSTRACT QED Technologies introduces the SSI-A, a new metrology system capable of measuring mild aspheric surfaces. The SSI-A uses QED's subaperture stitching technology to measure the lens surface, achieving high precision, repeatable results. Recent results will be discussed.
15:30-16:20	Advanced Optical Communication System Simulation Software including Gigabit
	JIGESH PATEL RSOFT DESGIN GROUP, INC.
	ABSTRACT OptSim/ModeSYS is a comprehensive physical layer simulation tool, which enables the user to design and validate next generation optical communication systems. First, a gigabit Ethernet design using multimode fiber and Electronic Dispersion GEAPON, and POF-Based Systems will be presented. Finally, the co-simulation applied to lenses and Rectangular Waveguides will be shown.