

Admission Free

Simultaneous interpreting will be available (Japanese/English)

Introduce the latest technologies and their actual applications.

Both the topic of the lecture and the person delivering the lecture may be changed without notice.

We reserve the right to restrict entry if the venue is filled to capacity.

## 9/10 (Wed)

11:00 - 11:50	<p>Super 5-axis nano machine "FANUC ROBONANO α-OiB" Tomohiko Kawai / FANUC LTD.</p> <p>[ABSTRACT] Super 5-axis nano machine "FANUC ROBONANO α-OiB" and various nano machining samples.</p>
14:00 - 14:50	<p>The industrial quality high power diode lasers Johannes Wolf / JENOPTIK Laserdiode GmbH</p> <p>[ABSTRACT] High reliability and productivity are required in industrial fields. In this seminar, lineup of JENOPTIK Laserdiode GmbH's high power diode lasers and quality of these products are explained.</p>
15:00 - 15:50	<p>Coherent's leading-edge commercial All Solid State Lasers and their applications Tatsuzo Yamazaki / COHERENT JAPAN, INC. Commercial Laser Sales Group</p> <p>[ABSTRACT] Coherent lines up many All-Solid-State Lasers both Continuous-Wave (CW) type and Pulsed Q-Switched type. These lasers use Coherent's original technology that makes them as suitable lasers for built-in systems. In this seminar, we will introduce Coherent's latest lineup of All-Solid-State Lasers (including picosecond lasers) and their applications.</p>

## 9/11 (Thu)

11:00 - 11:50	<p>Recent advances in single emitter laser diode at JDSU and applications Andre Wong / JDS Uniphase Corporation</p> <p>[ABSTRACT] The latest information and the application for high power and high brightness single emitter laser diode.</p>
12:00 - 12:50	<p>Refractive and Diffractive Micro-Optical products as technical enabler for new applications Uwe Wielsch / JENOPTIK Laser,Optik, Systeme GmbH</p> <p>[ABSTRACT] Micro-Optics is a relatively new and still emerging technology to realize optical functions like beam shaping, homogenization of light, beam splitting and many other transformations of light in a broad spectral range from Deep UV to Far Infrared. There are numerous new applications in Semiconductor manufacturing, Laser Materials Processing, Defense as well as Health Care and Life Sciences that already take advantage of high fill factor micro lens arrays (MLA), highly efficient diffractive optical elements (DOE) and other innovative micro-optical solutions. The increasing demand for higher damage threshold, a broader wavelength range and higher efficiencies leads to the requirement for processing a variety of different materials, to produce smaller features of the micro-optical structures and to manufacture more and more complex shapes of micro lenses. We will provide an overview of</p>
15:00 - 15:50	<p>Coherent's leading-edge high reliability High Power Laser Diodes Kenji Nakazato / COHERENT JAPAN, INC. Commercial Laser Sales Group</p> <p>[ABSTRACT] Coherent's High Power Laser Diodes use AAA (Aluminum-free Active Area) technology. AAA diode lasers have longer life, and this is why they are used in wide areas, such as medical applications and direct material process applications. In this seminar, we will introduce Coherent's latest LD lineup that includes LD packages and high-intensity light sources.</p>