

# Optica Laser Congress and Exhibition

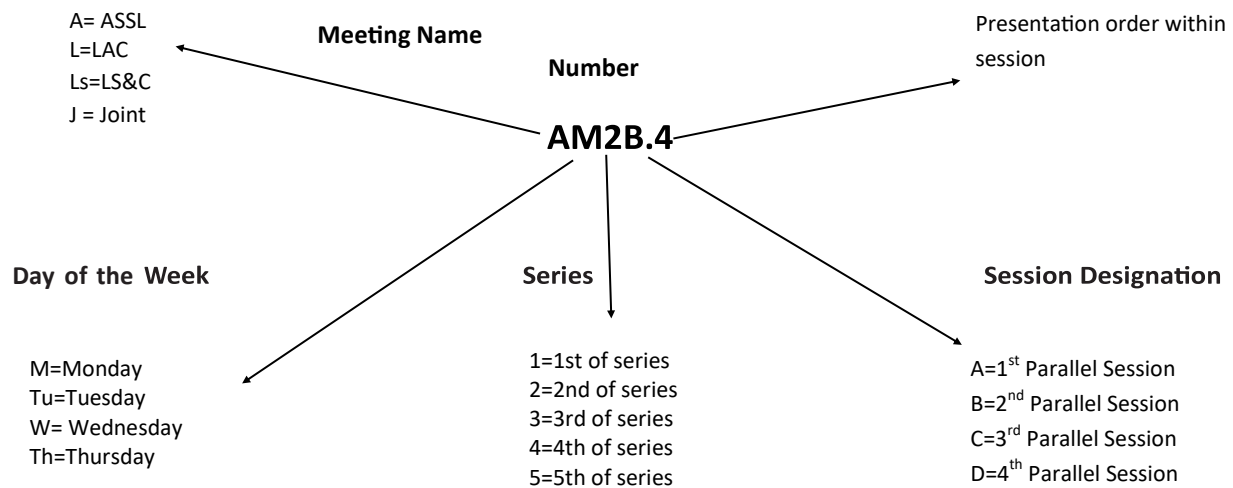
20-24 October 2024

Grand Prince Hotel Osaka Bay

An in-person only event with on-demand content

Japan Standard Time (UTC 09:00)

## Explanation of Session Codes



The first letter of the code designates the meeting. The second element denotes the day of the week. The third element indicates the session series in that day (for instance, 1 would denote the first session in that day). Each day begins with the letter A in the fourth element and continues alphabetically through the parallel session. The lettering then restarts with each new series. The number on the end of the code (separated from the session code with a period) signals the position of the talk within the session (first, second, third, etc.). For example, a presentation coded AM2B.4 indicates that this paper is being presented as part of the ASSL meeting on Monday (M) in the second series of sessions (2), and is the second parallel session (B) in that series and the fourth paper (4) presented in that session.

Sunday, 20 October		
08:00—17:30	Registration, Prince Ballroom Foyer	
09:00—12:00	SC540 - Short Course on Lidar Fundamentals, Saki	
14:00—17:00	SC538 - Short Course on 3D-LiDAR and Applications, Yume	SC539 - Short Course on Aerosol Light-scattering for Lidar Remote-sensing, Saki
17:00—18:30	Welcome Reception, Rooftop Garden Pergola	

Agenda of Sessions is subject to change. Please check the Congress App for the most current schedule.

## Agenda of Sessions

Monday, 21 October			
Japan Standard Time (JSP)	Prince Ballroom E	Ruby	Crystal
	Advanced Solid State Lasers	Laser Applications Conference	Lasers for Sensing & Free Space Communication
07:00—18:00	Registration, <i>Prince Ballroom Foyer</i>		
10:00—16:00	Exhibit Hours, <i>Prince Ballroom A-D</i>		
08:00—10:00	AM1A • Modelocked Oscillators	LM1B • Brittle Materials	LsM1C • Sensing I
10:00—11:00	Coffee Break with Exhibitors, <i>Prince Ballroom A-D</i> <i>Sponsored by American Elements</i>		
10:00—10:20	Technology Showcase: 30 Years of Experience: Overview of Tunable Femtosecond OPAs, <i>Prince Ballroom A-D</i> <i>Presented by Light Conversion</i>		
10:30—10:50	Technology Showcase: Dispelling Myths Surrounding UV-Induced Optical Degradation, <i>Prince Ballroom A-D</i> <i>Presented by Edmund Optics Japan</i>		
11:00—12:00	JM2A • Joint Plenary Session I, <i>Prince Ballroom E</i>		
12:00—13:30	Lunch with Exhibitors, <i>Prince Ballroom A-D</i>		
13:30—15:30	AM3A • Thulium-doped Laser Materials	LM3B • AI & ML in Materials Processing	LsM3C • Sensing II
15:30—16:00	Coffee Break with Exhibitors, <i>Prince Ballroom A-D</i> <i>Sponsored by American Elements</i>		
16:00—18:00	AM4A • Novel Concepts	LM4B • Laser-Beam Delivery and Beam Manipulation of High- Power Laser Beams	LsM4C • Sensing III
18:00—18:30	AM5A • Special Presentation by Valentine Gapontzev Prize Winner, <i>Prince Ballroom E</i>		

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## Agenda of Sessions

Tuesday, 22 October			
Japan Standard Time (JSP)	Prince Ballroom E	Ruby	Crystal
	Advanced Solid State Lasers	Laser Applications Conference	Lasers for Sensing & Free Space Communication
07:00—18:00	Registration, <i>Prince Ballroom Foyer</i>		
10:00—16:00	Exhibit Hours, <i>Prince Ballroom A-D</i>		
08:00—10:00	ATu1A • Visible, UV, and XUV Lasers	LTu1B • Laser-Based Additive Manufacturing	LsTu1C • Sensing IV (Ends at 09:45)
10:00—11:00	JTU2A • Joint Poster Session I, <i>Prince Ballroom A-D</i> Coffee Break with Exhibitors, <i>Prince Ballroom A-D</i> <i>Sponsored by American Elements</i>		
11:00—12:00	JTU3A • Joint Plenary Session II, <i>Prince Ballroom E</i>		
12:00—13:30	Lunch with Exhibitors, <i>Prince Ballroom A-D</i>		
13:30—15:30	ATu4A • Fiber Lasers I	LTu4B • Surface Modification	LsTu4C • Basic Technologies I
15:30—16:00	Coffee Break with Exhibitors, <i>Prince Ballroom A-D</i> <i>Sponsored by American Elements</i>		
16:00—18:00	ATu5A • Fiber Lasers II	LTu5B • Micro-Nano Machining	LsTu5C • Atmospheric Propagation and Characterization I

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## Agenda of Sessions

Wednesday, 23 October			
Japan Standard Time (JSP)	Prince Ballroom E	Ruby	Crystal
	Advanced Solid State Lasers	Laser Applications Conference	Lasers for Sensing & Free Space Communication
07:30—19:00	Registration, <i>Prince Ballroom Foyer</i>		
10:00—16:00	Exhibit Hours, <i>Prince Ballroom A-D</i>		
08:00—10:00	AW1A • Nonlinear Amplification and Compression	LW1B • Fusion Energy	LsW1C • Atmospheric Propagation and Characterization II (Ends at 09:45)
10:00—11:00	JW2A • Joint Poster Session II, <i>Prince Ballroom A-D</i> Coffee Break with Exhibitors, <i>Prince Ballroom A-D</i> <i>Sponsored by American Elements</i>		
11:00—12:00	JW3A • Joint Plenary Session III, <i>Prince Ballroom E</i>		
12:00—13:30	Lunch with Exhibitors, <i>Prince Ballroom A-D</i>		
13:30—15:30	AW4A • Nonlinear Crystals	LW4B • EUV, X-Ray Generation & Particle Acceleration I	LsW4C • Coherent LiDAR Sensing (Ends at 15:00)
15:30—16:00	Coffee Break with Exhibitors, <i>Prince Ballroom A-D</i> <i>Sponsored by American Elements</i>		
16:00—17:00	AW5A • Bonded and Composite Media	LW5B • EUV, X-Ray Generation & Particle Acceleration II	
17:00—18:00	AW6A • ASSL Postdeadline Presentations		
19:00—21:00	Congress Banquet, <i>Prince Ballroom A-B</i>		

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## Agenda of Sessions

Thursday, 24 October			
Japan Standard Time (JSP)	Prince Ballroom E	Ruby	Crystal
	Advanced Solid State Lasers	Laser Applications Conference	Lasers for Sensing & Free Space Communication
07:30—16:00	Registration, <i>Prince Ballroom Foyer</i>		
08:00—10:00	ATh1A • High Power & High Energy Sources	LTh1B • THz Generation and Applications	LsTh1C • Communications I
10:00—10:30	Coffee Break, <i>Prince Ballroom Foyer</i>		
10:30—12:30	ATh2A • Ultrafast Lasers	LTh2B • Laser Shock Peening	LsTh2C • Communications II (Ends at 11:30)
12:30—14:00	Lunch Break (on your own) <i>Please check Congress App for nearby dining options</i>		
14:00—16:00	ATh3A • Rare-earth-doped Laser Crystals	LTh3B • Lasers for Manufacturing Applications in Mobility	LsTh3C • Communications III
16:00—17:00	Farewell Toast, <i>Prince Ballroom Foyer</i>		

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