Explanation of Session Codes

CM1C.4

Day of the Week
M = Monday
Tu = Tuesday
W = Wednesday
Th = Thursday

Number
(Presentation order within the session)

Session Designation
(alphabetically)

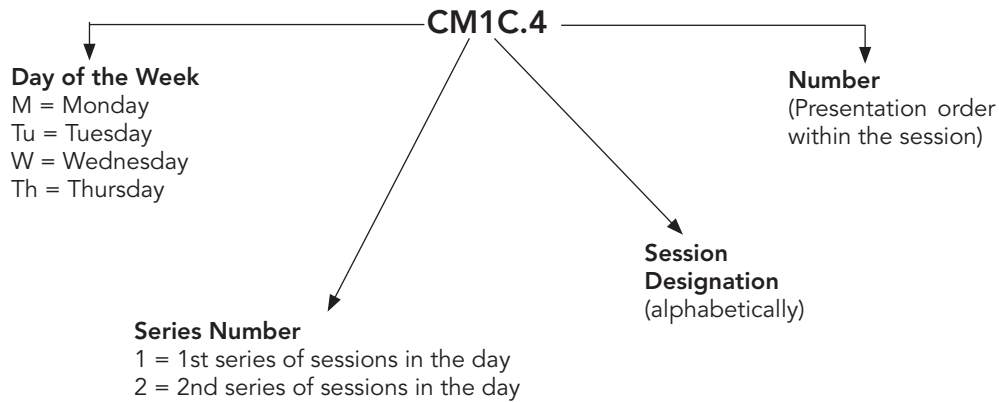**Series Number**
1 = 1st series of sessions in the day
2 = 2nd series of sessions in the day

The first letter of the code signifies the topical (3-3D, C=COSI, D=DH, I=IS, P=pcAOP, R=RadIT). The second letter of the code denotes the day of the week (Monday=M, Tuesday=Tu, Wednesday=W, Th=Thursday). The third element indicates the session series in that day (for instance, 1 would denote the first parallel sessions in that day). Each day begins with the letter A in the third element and continues alphabetically through a series of parallel sessions. 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 CM1C.4 indicates that this COSI paper is being presented on Monday (M) in the first series of sessions (1), and is the third parallel session (C) in that series and the fourth paper (4) presented in that session.

The information in this program is as of 05 August 2025. All times reflect Pacific Time (UTC-07:00). Please consult the conference app for the latest changes.

Technical Registrants: Download digest papers by visiting optica.org/ImagingOPC and clicking on the "Download Technical Digest Papers" from the right column navigation on the home page. As access is limited to Full Technical Conference attendees only, you will be asked to validate your credentials by entering the same login email address and password provided during the conference registration process.

Recorded sessions are also available 24 hours after the session by navigating to the Schedule tab. Select a session and click the "Watch Recorded Session" button.

2025 Optica Imaging Congress

18–21 August 2025
Hyatt Regency Seattle, Seattle, Washington, USA
Optica Imaging Congress is presented as an in-person event
with on-demand content.
Pacific Time (PT, UTC-07:00)

Agenda of Sessions — Monday, 18 August

Pacific Time (PT, UTC-07:00)	503 Duckabusch-TH80	507 Sauk-TH80	505 Queets-TH110	504 Foss-TH80	506 Samish-TH80
	MIXED	MIXED	DH	RadIT	pcAOP
07:30–18:30	**Registration,** *5th Floor Foyer*				
08:30–10:30	**CM1A •** Scattering and Wavefront Shaping	**IM1B •** Compact and Lightweight Imaging Systems	**DM1C •** Digital Holographic Techniques for Bio-Imaging I	**RM1D •** Ghost Imaging	**PM1E •** Structured Light
10:00–16:30	**Exhibit Hours,** *Elwha Ballroom* **Coffee Break with Exhibitors,** 10:30–11:00 *Coffee break sponsored by American Elements*				
11:00–12:30	**JM2A •Joint Plenary Session,** *Quinault Ballroom*				
14:00–16:00	**3M3A •** 3D Imaging and Simulation	**JM3B •** Quantum (Joint IS/COSI)	**DM3C •** Holographic Display and Imaging Systems	**RM3D •** Laser X-Ray	**PM3E •** Wavefront Sensing and Turbulence Characterization
16:00–16:30	**Coffee Break with Exhibitors,** *Elwha Ballroom* *Coffee break sponsored by American Elements*				
16:30–18:30	**3M4A •** 3D Imaging and Display I	**JM4B •** Advances in Microscopy Systems (Joint COSI/IS)	**DM4C •** Contemporary Topics in Digital Holography and 3D Imaging I	**RM4D •** High-Speed X-Ray Imaging for Material Characterization	**PM4E •** Propagation and Advanced Compensation
18:30–20:00	**Congress Reception,** *5th Floor Foyer*				

Schedule subject to change. Please check the congress app for the most current schedule.

Key to Conference Abbreviations

3 = 3D Image Acquisition and Display: Technology, Perception and Applications (3D)
C = Computational Optical Sensing and Imaging (COSI)
D = Digital Holography and Three-Dimensional Imaging (DH)
I = Imaging Systems and Applications (IS)

J = Joint Session
P = Propagation Through and Characterization of Atmospheric and Oceanic Phenomena (pcAOP)
R = Radiographic Imaging and Tomography (RadIT)
Sp = Special Event

Agenda of Sessions — Tuesday, 19 August

Pacific Time (PT, UTC-07:00)	503 Duckabusch-TH80	507 Sauk-TH80	505 Queets-TH110	504 Foss-TH80	506 Samish-TH80
	3D	COSI	DH	IS	pcAOP
07:30–18:00	Registration, *5th Floor Foyer*				
08:30–10:30	3Tu1A • 3D Imaging and Display II	CTu1B • Data-Driven Imaging and Design	DTu1C • Applications of Digital Holography and 3D Imaging I	ITu1D • Advances in Biomedical In Vivo Imaging I	PTu1E • Turbulence Characterization
10:00–18:00	Exhibit Hours, Elwha Ballroom **Coffee Break with Exhibitors,** 10:30-11:00 *Coffee break sponsored by American Elements*				
11:00–13:00	3Tu2A • AR/VR and 3D Imaging	CTu2B • Super-Resolved Imaging and Ptychography	DTu2C • Applications of Digital Holography and 3D Imaging II		RTu2E • High-Speed X-Ray Imaging
14:30–16:30	3Tu3A • Hyperspectral and 3D Applications	CTu3B • AI-Based Imaging and Microscopy	DTu3C • Applications of Digital Holography and 3D Imaging III	ITu3D • Imaging and Vision	RTu3E • Scintillators and Detectors
16:30–18:00	JTu4A •**Joint Poster Session with Exhibitors,** *Elwha Ballroom*				
18:00–20:00	SpE1 • **Industry Panel I and Social Engagement Event,** *Quinault Ballroom*				

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Agenda of Sessions — Wednesday, 20 August

Pacific Time (PT, UTC-07:00)	503 Duckabusch-TH80	507 Sauk-TH80	505 Queets-TH110	504 Foss-TH80	506 Samish-TH80
	3D	COSI	DH	IS	pcAOP
07:30–18:30	Registration, *5th Floor Foyer*				
08:30–10:30	3W1A • 3D Acquisition and Deep Learning	CW1B • Coded Imaging Systems and Algorithms	DW1C • X-Ray, Electron Holography and Phase Imaging Techniques	IW1D • Computational and Spectral Imaging	RW1E • Algorithms
10:00–17:00	Exhibit Hours, *Elwha Ballroom*				
10:30–12:00	JW2A •Joint Poster Session with Exhibitors, *Elwha Ballroom*				
12:00–13:00	SpE2 • Industry Panel II, *Quinault Ballroom*				
14:30–16:30	DW3A • Contemporary Topics in Digital Holography and 3D Imaging II	CW3B • 3D Computational Imaging	DW3C • Digital Holographic Techniques for Bio-Imaging II	RW3D • Particle Radiography	PW3E • Propagation and Ground-to-Space Applications
16:30–17:00	Coffee Break with Exhibitors, *Elwha Ballroom* *Coffee break sponsored by American Elements*				
17:00–18:30	DW4A • Contemporary Topics in Digital Holography and 3D Imaging III	CW4B • Computational Displays and Cameras	DW4C • Applications of Digital Holography and 3D Imaging IV	IW4D • Image Computation and Machine Learning	PW4E • Aerosols

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Agenda of Sessions — Thursday, 21 August

Pacific Time (PT, UTC-07:00)	503 Duckabusch-TH80	507 Sauk-TH80	505 Queets-TH110	504 Foss-TH80	506 Samish-TH80
	3D/DH	COSI	DH	MIXED	RadIT
08:00–15:00	Registration, *5th Floor Foyer*				
08:30–10:30	DTh1A • AI in Digital Holographic Techniques for Bio-Imaging	CTh1B • Thin and Lensless Optics	DTh1C • Quantitative Phase Processing, Retrieval Techniques and Applications I	ITh1D • Advances in Biomedical In Vivo Imaging II	RTh1E • Instrumentations and Methods
10:30–11:00	Coffee Break, *Elwha Ballroom* Coffee break sponsored by American Element**s**				
11:00–12:00	JTh2A • Joint Postdeadline Paper Session, *Quinault Ballroom*				
13:30–15:00	DTh3A • Computer Generated Holograms and Metasurface Holograms	CTh3B • Event-Based Sensing	DTh3C • Quantitative Phase Processing, Retrieval Techniques and Applications II	PTh3D • Numerical Simulation Studies	RTh3E • Biomedical Application

Friday, 22 August

10:00–11:30	The Allen Institute Tour

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