Agenda of Sessions — Monday, 24 June

	Room 4 Emmett Leith	Room 5 Marie Curie	A11 Gordon Gould	A12 Max Born
	COSI	IS	pcAOP	MATH
08:00–18:00	Registration, *Entrance West*			
08:30–09:45	CLEO/Europe Plenary Session, *ICM Room 1* WoP			
09:45–11:00	World of Photonics Congress Opening and Plenary Session, *ICM Room 1* WoP			
11:00–11:30	Coffee Break, *ICM and A1 Foyer*			
11:30–13:00	CM1A • Phase Retrieval / Wavefront Sensing	IM1B • Neuromorphic Imaging	PM1C • Atmospheric Turbulence I	MM1D • Image Restoration
13:00–14:00	Lunch Break			
14:00–15:45	CM2A • Indirect / Non Line-of-Sight Imaging	IM2B • Deep Learning and AI	PM2C • Atmospheric Turbulence Profiling (starts at 14:30)	MM2D • Multi-Dimensional Imaging (starts at 14:30)
15:45–16:15	Coffee Break, *A1 Foyer*			
16:15–18:00	CM3A • Quantum Computational Imaging	IM3B • Telescopes and Superresolution	PM3C • Atmospheric Turbulence II	MM3D • Super-Resolution
18:00–19:00	Gerard Mourou Noble Prize Talk, *ICM Room 1* WoP			
19:00–20:00	Beir & Brezel Congress Get Together (Sponsored by SPIE), *ICM Foyer and Hall B0, Ground Floor*			

Key to Conference Abbreviations

COSI   Computational Optical Sensing and Imaging
IS   Imaging Systems and Applications
MATH   Mathematics in Imaging
pcAOP Propagation Through and Characterization of Atmospheric and Oceanic Phenomena

Agenda of Sessions — Tuesday, 25 June

	Room 4 Emmett Leith	Room 5 Marie Curie	A11 Gordon Gould	A12 Max Born
	COSI	IS	IS/pcAOP/COSI	pcAOP/MATH
08:00–18:00	Registration, *Entrance West*			
08:30–10:00	Imaging Congress Plenary Session, *ICM - 1st Floor, Room 14B*			
10:00–10:30	Coffee Break, *ICM and A1 Foyer*			
10:30–12:30	CTu2A • Compressed Sensing - State of the Art	ITu2B • 3D Image Acquisition and Display: Technology, Perception and Applications I	ITu2C • Augmented Reality / Virtual Reality (starts at 11:00)	PTu2D • Imaging
12:00–13:30	Future of Biophotonics from Lab Prototypes to Wearable Chips Panel Discussion, *Room A42*			
12:15–13:30	OIDA / OSAF Professional Development & Networking Lunch and Learn, *Room A32*			
12:30–14:00	Lunch Break			
14:00–15:30	CTu3A • Learning based Approaches to Computational Imaging	ITu3B • Spectral Imaging	PTu3C • Adaptive Optics & Wavefront Sensing I	MTu3D • New Methodological Tools
15:30–16:00	Coffee Break, *A1 Foyer*			
16:00–18:00	CTu4A • Imaging through Turbid and scattering Media	ITu4B • Imaging (Diffractive and Single Pixel)	CTu4C • Advances in Microscopy / Digital Holographic Microscopy (start at 16:15)	MTu4D • Phase Retrieval
18:30–20:00	Imaging Congress Reception, *Königlicher Hirschgarten, Hirschgarten 1, 80639 München* How to Get There: • From Messe Munich (Messestadt West), take the U2 in the direction of Feldmoching. • Get off at Sendlinger Tor. • Transfer to the 16 train in the direction of Romanplatz. • Exit at Kriemhildenstrabe. • Walk 500 m to Guntherstrabe to Hirschgarten 1.			

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Agenda of Sessions — Wednesday, 26 June

	Room 4 Emmett Leith	Room 5 Marie Curie	A11 Gordon Gould	A12 Max Born
	COSI	IS/Joint	IS/pcAOP	MATH
08:00–18:00	**Registration,** *Entrance West*			
08:45–10:00	**CW1A • Applications of Deep Learning to Computational Imaging** (starts at 09:00)	**IW1B • 3D Image Acquisition and Display: Technology, Perception and Applications II**	**IW1C • Industrial Imaging**	**MW1D • Imaging System Analysis**
10:00–10:30	**Coffee Break,** *A1 Foyer*			
10:00–11:00	**Imaging Optical Design Technical Group Networking Event,** *Room A110*			
10:30–11:15	**Rapid Fire Poster Previews,** *Room 4, Emmett Leith*			
11:15–12:30	**Hot Topics Discussions,** *Room 4, Emmett Leith*			
12:30–14:00	**Posters Session,** *ICM Ground Floor, Hall B0*			
14:00–15:30	**CW3A • Advances in Ptychography and Emerging Applications** (starts at 14:15)	**IW3B • Novel Imaging**	**PW3C • Adaptive Optics & Wavefront Sensing II**	**MW3D • Imaging in Complex Media**
15:30–16:00	**Coffee Break,** *A1 Foyer*			
16:00–18:00	**CW4A • Advances in Computational Microscopy**	**JW4B • Compressed Sensing / Multi-aperture Imaging**	**PW4C • Wavefront Sensing & Optical Links**	**MW4D • Tomography**
17:00–18:00	**Laser Systems Technical Group Meet and Greet,** *Room A110*			

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Agenda of Sessions — Thursday, 27 June

	Room 4 Emmett Leith	Room 5 Marie Curie	A11 Gordon Gould	A12 Max Born
	COSI	IS	IS/COSI/pcAOP	pcAOP
08:00–18:00	Registration, *Entrance West*			
08:30–10:00	**CTh1A • Computed Tomography**	**ITh1B • 3D Image Acquisition and Display: Technology, Perception and Applications III**	**ITh1C • Microscopy**	**PTh1D • Turbulence Characterization I**
10:00–10:30	Coffee Break, *A1 Foyer*			
10:30–12:30	**CTh2A • Advances in Macroscopic 3D Sensing (including LiDAR)**	**ITh2B • Optical Coherence Tomography**	**CTh2C • Holography / Phase Retrieval** (starts at 10:45)	**PTh2D • Beam Propagation**
12:30–14:00	Lunch Break			
14:00–15:30	**CTh3A • Computational Micro and Nano-Optics**	**ITh3B • Biophotonics**	**PTh3C • Turbulence Characterization II**	**Postdeadline Presentations**
15:30–16:00	Coffee Break, *A1 Foyer*			
16:00–18:00	**CTh4A • Circumventing Traditional Imaging Limits**	**ITh4B • Biophotonics**	**PTh4C • Underwater and Marine Environment**	

Imaging and Applied Optics Congress Themes

This Congress has themes that span across the topical meetings. Listed below is a selection of the themes and the sessions that will feature these themes.

3D Imaging
3D Image Acquisition and Display: Technology, Perception and Applications I (ITu2B)
3D Image Acquisition and Display: Technology, Perception and Applications II (IW1B)
3D Image Acquisition and Display: Technology, Perception and Applications III (ITh1B)
Circumventing Traditional Imaging Limits (CTh4A)

Atmospheric Turbulence
Atmospheric Turbulence I (PM1C)
Atmospheric Turbulence Profiling (PM2C)
Atmospheric Turbulence II (PM3C)

Biophotonics / OCT
Biophotonics (ITh3B)
Biophotonics (ITh4B)
Microscopy (ITh1C)

Deep learning
Applications of Deep Learning to Computational Imaging (CW1A)
Deep Learning and AI (IM2B)
Image Restoration (MM1D)

Imaging in Complex, Turbid, Scattering Media
Imaging in Complex Media (MW3D)
Imaging through turbid and scattering media (CTu4A)
Indirect / Non Line-of-Sight Imaging (CM2A)
Quantum Computational Imaging (CM3A)

Microscopy
Advances in Computational Microscopy (CW4A)
Advances in Microscopy / Digital Holographic Microscopy (CTu4C)
Microscopy (ITh1C)

Ptychography / Tomography
Advances in Ptychography and Emerging Applications (CW3A)
Computed Tomography (CTh1A)
Tomography (MW4D)

Wavefront Sensing
Adaptive Optics & Wavefront Sensing I (PTu3C)
Adaptive Optics & Wavefront Sensing II (PW3C)
Phase Retrieval / Wavefront Sensing (CM1A)