

2023 Optica Sensing Congress
30 July - 03 August 2023
Hilton Munich Park, Munich, Germany
Hybrid Event – Central European Summer Time (CEST) (UTC + 02:00)

Agenda of Sessions — Sunday, 30 July

Central European Summer Time (CEST, UTC + 2:00)	
07:00 – 19:00	IONS+ Munich, Van Gogh/Cezanne Room
15:00–18:00	Registration, Foyer Mezzanine

Monday, 31 July

Central European Summer Time (CEST, UTC + 2:00)	Matisse	Chagall	Picasso/Dali	Van Gogh/Cezanne	Renoir
	AIS	FTS	HISE	Sensors	ES
08:00–18:30	Registration, Foyer Mezzanine				
09:00–10:30	AM1A • Process Analytical Technologies	FM1B • Earth Observation from Space	HM1C • Terrestrial Remote Sensing I (begins at 08:45)	SM1D • Distributed Sensors I (begins at 08:30)	EM1E • Applications from the Soil to the Atmosphere
10:30–11:00	Coffee Break with Exhibitors, Foyer Mezzanine Sponsored by American Elements and Laser Components GmbH				
11:00–12:30	AM2A • Energy, Mining and Environment	JM2B • Advanced Processing and Techniques (Joint Session FTS and HISE)	HM2C • Terrestrial Remote Sensing II	SM2D • Plasmonic Sensing	SM2E • THz Sensing I
12:30–14:00	Lunch (On Own)				
14:00–16:00	AM3A • Water Pollution I	SM3B • Laser Sensing I	HM3C • Recent and New Earth Observing Sensors I	SM3D • Solid State Quantum Systems and Phenomena	EM3E • Atmospheric Sensing
16:00–16:30	Coffee Break with Exhibitors, Foyer Mezzanine Sponsored by American Elements and Laser Components GmbH				
16:30–18:30	AM4A • Water Pollution II	FM4B • FTS for Astrophysics and Cosmology I	HM4C • Recent and New Earth Observing Sensors II	SM4D • Quantum Metrology	EM4E • Mid-IR Spectroscopy for Trace-Gas Detection

Key to Conference Abbreviations

- A = Applied Industrial Spectroscopy (AIS)
- F = Fourier Transform Spectroscopy (FTS)
- H = Hyperspectral/Multispectral Imaging and Sounding of the Environment (HISE)
- E = Optics and Photonics for Sensing the Environment (ES)
- S = Optical Sensors (Sensors)
- Sp = Special Event
- J = Joint session

Agenda of Sessions — Tuesday, 01 August

Central European Summer Time (CEST, UTC + 2:00)	Matisse	Chagall	Picasso/Dali	Van Gogh/Cezanne	Renoir
	AIS	FTS	HISE	Sensors	ES
08:30–17:00	Registration, <i>Foyer Mezzanine</i>				
09:00–10:00	JTU1A • Joint Plenary Session I, Tobias Kippenberg, EPLF, Switzerland, <i>Van Gogh/Cezanne</i>				
10:00–10:30	Coffee Break with Exhibitors, <i>Foyer Mezzanine</i> Sponsored by American Elements and Laser Components GmbH				
10:30–12:30	ATu2A • Disease and Pathogen Detection	FTu2B • FTS for Astrophysics and Cosmology II	STu2C • Distributed Sensors II	STu2D • Gas Sensing	ETu2E • Frequency Comb Spectroscopy
12:30–14:00	Panel: Startups in Emerging Water, Fluid, and Agriculture Sensors: Industrial Process and Environmental Monitoring, <i>Matisse</i> Lunch (On Own)				
14:00–15:30	ATu3A • Agri-Photonics I	SpE1 • Panel Discussion - Eyes on the Planet – Advances, Limitations, and Challenges in Spaceborne Spectrometer Development and Cross-Mission Synergies	STu3C • Bio Sensing I (begins at 13:30)	STu3D • Optical Fibre Sensing I	ETu3E • Distributed and Chemical Sensors for Aqueous Environments
15:30–16:30	JTU4A • Joint Poster Session I, Coffee Break with Exhibitors, <i>Foyer Mezzanine</i> Sponsored by American Elements and Laser Components GmbH				
16:30–18:30	ATu5A • Agri-Photonics II	FTu5B • FTS and iFTS for Earth Observation	STu5C • Bio Sensing II	STu5D • Raman Sensing	ETu5E • Novel Techniques for Environmental Sensing

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Agenda of Sessions — Wednesday, 02 August

Central European Summer Time (CEST, UTC + 2:00)	Matisse	Chagall	Picasso/Dali	Van Gogh/Cezanne	Renoir
	AIS	FTS	HISE	Sensors	ES
08:30–18:00	Registration, <i>Foyer Mezzanine</i>				
09:00–10:00	JW1A • Joint Plenary Session II, Greg Rieker, University of Colorado Boulder, USA, <i>Van Gogh, Cezanne</i>				
10:00–11:00	JW2A • Joint Poster Session II, Coffee Break with Exhibitors, <i>Foyer Mezzanine</i> Sponsored by American Elements and Laser Components GmbH				
11:00–13:00	AW3A • Air Contamination	SW3B • Optical Fiber Sensing II	HW3C • Recent and New Earth Observing Sensors III	SW3D • Optical Fibre Sensing III	EW3E • Miniaturization and Integration
13:00–14:30	Lunch (On Own)				
14:30–16:00	AW4A • Analytical Technologies for Organic Compounds	SW4B • THz and mm Wave	HW4C • Image Processing, Algorithm Development, and Machine Learning	SW4D • FBG Sensors	EW4E • Environmental Sensing at the Microscale
16:00–16:30	Coffee Break with Exhibitors, <i>Foyer Mezzanine</i> Sponsored by American Elements and Laser Components GmbH				
16:30–18:00	AW5A • Space Applications	SW5B • THz Sensing II	HW5C • Aquatic Remote Sensing I	SW5D • Bio Sensing III	FW5E • Novel Comb Techniques
18:00–19:30	Conference Reception, <i>Foyer Mezzanine</i>				

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Agenda of Sessions — Thursday, 03 August

Central European Summer Time (CEST, UTC + 2:00)	Matisse	Chagall	Picasso/Dali	Van Gogh/Cezanne	Renoir
	AIS	FTS	HISE	Sensors	ES
08:30–14:00	Registration, <i>Foyer Mezzanine</i>				
09:00–10:30	JW1A • Joint Postdeadline Papers Session, <i>Van Gogh/Cezanne</i>				
10:30–11:00	Coffee Break with Exhibitors, <i>Foyer Mezzanine</i> Sponsored by American Elements and Laser Components GmbH				
11:00–13:00	FTh2A • Precision Measurement with DCS	STh2B • Optical Fibre Sensing IV	HTh2C • Aquatic Remote Sensing II and Panel Discussion: Application of Remote Sensing to Real World Problems – Strategies, Successes, and Challenges	STh2D • Laser Sensing II	ETh2E • Remote Sensing
13:00–14:30	Lunch (On Own)				
14:30–16:30	JTh3A • DCS in the MIR (Joint Session FTS and HISE)		HTh3C • Atmospheric Sensing, Incident Response and Monitoring Applications		HTh3E • Industrial Imaging (ends at 16:15)
16:30–17:00	Congress Farewell, <i>Foyer Mezzanine</i>				

Friday, 04 August

Central European Summer Time (CEST, UTC + 2:00)	
10:30–14:30	Tour of Spaten-Franziskaner-Bräu GmbH, (separate fee required)

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