



Space Optics Instrument Design & Technology 2024

12 May – 17 May 2024, Porto Cervo, Sardinia

Sunday, 12 May 2024

18:30 – 18:45	<p>Welcome Luca Maresi / Bernd Harnisch (Organization Committee) <i>Conference area</i></p>
18:45 – 19:30	<p>Lessons learned for Optical Engineering applied to EO instruments systems Donny Aminou ESA (NL) <i>Conference area</i></p>
19:30 – 20:30	<p>Welcome Reception <i>Terrace</i></p>



Monday, 13 May 2024

Class A

Class B Optical Specialists

8:30 – 10:00	Introduction to CodeV Part 1 Adrien Tozzoli Synopsys (D)	Introduction to Optical Manufacturing Technologies Part 1 Roland Geyl, REOSC (FR)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	Introduction to CodeV Part 2 Adrien Tozzoli Synopsys (D)	Introduction to Optical Manufacturing Technologies Part 2 Roland Geyl , REOSC (FR) <hr/> Metal Optics Part 1 Matthias Beier, SPACEOPTIX (D)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Introduction to Optical Manufacturing Technologies Part 1 Roland Geyl, REOSC (FR)	Introduction to CodeV Part 1 Adrien Tozzoli Synopsys (D)
16:30 – 17:00	Coffee Break	
17:00 – 17:45 17:45 – 18:30	Introduction to Optical Manufacturing Technologies Part 2 Roland Geyl , REOSC (FR) <hr/> Metal Optics Part 1 Matthias Beier, SPACEOPTIX (D)	Introduction to CodeV Part 2 Adrien Tozzoli Synopsys (D)
20:00 – 22:00	Dinner	



Tuesday, 14 May 2024

Class A

Class B Optical Specialists

8:30 – 10:00	Introduction to CodeV Part 3 Adrien Tozzoli Synopsys (D)	Metal Optics Part 2 Matthias Beier, SPACEOPTIX (D)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	Introduction to CodeV Part 4 Adrien Tozzoli Synopsys (D)	Grating Fabrication Technologies Uwe Zeitner, IOF (D)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Metal Optics Part 2 Matthias Beier, SPACEOPTIX (D)	Introduction to CodeV Part 3 Adrien Tozzoli Synopsys (D)
16:30 – 17:00	Coffee Break	
17:00 – 17:45 17:45 – 18:30	Freeform Optics – Design and Applications Ulrike Fuchs, Asphericon (D)	Introduction to CodeV Part 4 Adrien Tozzoli Synopsys (D)
20:00 – 22:00	Dinner	



Wednesday, 15 May 2024

Class A

Class B Optical Specialists

8:30 – 10:00	Freeform Manufacturing and Metrology Ulrike Fuchs, Asphericon (D)	Straylight Correction Matteo Taccola, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Straylight Correction Matteo Taccola, ESA (NL)	Freeform Optics – Design and Applications Ulrike Fuchs, Asphericon (D)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Grating Fabrication Technologies Uwe Zeitner, IOF (D)	Hands-On Session I Volker Kirschner/Bernd Harnisch, ESA (NL)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Hands-On Session I Volker Kirschner/Bernd Harnisch, ESA (NL)	Freeform Manufacturing and Metrology Ulrike Fuchs, Asphericon (D)
20:00 – 22:00	Dinner	

Thursday, 16 May 2024

Class A

Class B Optical Specialists

8:30 – 10:00	Polarization Scrambler and slit homogenizer technology Jerome Caron, TNO (NL)	Stressfree Optical Mounting Technologies Erik Beckert, IOF (D)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Stressfree Optical Mounting Technologies Erik Beckert, IOF (D)	STOP Analysis Matthias Erdmann, ESA (NL)
12:30 – 16:30	Social Activity	
17:00 – 18:30	Hands-On Session II Volker Kirschner/Bernd Harnisch, ESA (NL)	Polarization Scrambler and slit homogenizer technology Jerome Caron, TNO (NL)
18:30 – 19:00	Coffee Break	
19:00 – 20:30	Detector Technology Kyriaki Minoglou, ESA (NL)	Hands-On Session II Volker Kirschner/Bernd Harnisch, ESA (NL)
21:00 – 23:00	Dinner	



Friday, 17 May 2024

Class A

Class B Optical Specialists

8:30 – 10:00	STOP Analysis Matthias Erdmann, ESA (NL)	Detector Technology Kyriaki Minoglou, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Hands-On Session III Volker Kirschner/Bernd Harnisch, ESA (NL)	Optical Communication Concept and Terminal Design Zoran Sodnik, ESA (NL)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Optical Communication Concept and Terminal Design Zoran Sodnik, ESA (NL)	Hands-On Session III Volker Kirschner/Bernd Harnisch, ESA (NL)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Space for Creative Minds Luca Maresi, ESA (NL)	
18:30 – 19:30	Closing Ceremony	
20:00 – 22:00	Dinner	