



Space Optics Instrument Design & Technology 2024

12 May – 17 May 2024, Poltu Quatu, 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>Pool Area</i></p>



Monday, 13 May 2022

Class A

Class B

8:30 – 10:00	Introduction to CodeV Pt1 Adrien Tozzoli Synopsys (D)	Introduction to Optical Manufacturing Technologies Pt1 Roland Geyl, REOSC (FR)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	Introduction to CodeV Pt2 Adrien Tozzoli Synopsys (D)	Introduction to Optical Manufacturing Technologies Pt2 Roland Geyl , REOSC (FR) <hr/> Metal Optics Pt1 Matthias Beier, SPACEOPTIX (DE)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Introduction to Optical Manufacturing Technologies Pt1 Roland Geyl, REOSC (FR)	Introduction to CodeV Pt1 Adrien Tozzoli Synopsys (D)
16:30 – 17:00	Coffee Break	
17:00 – 17:45 17:45 – 18:30	Introduction to Optical Manufacturing Technologies Pt2 Roland Geyl , REOSC (FR) <hr/> Metal Optics Pt1 Matthias Beier, SPACEOPTIX (DE)	Introduction to CodeV Pt2 Adrien Tozzoli Synopsys (D)
20:00 – 22:00	Dinner	

Tuesday, 14 May 2022

Class A

Class B

8:30 – 10:00	Introduction to CodeV Pt3 Adrien Tozzoli Synopsys (D)	Metal Optics Pt2 Matthias Beier, SPACEOPTIX (DE)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	Introduction to CodeV Pt4 Adrien Tozzoli Synopsys (D)	Grating Fabrication Technologies Uwe Zeitner, IOF (DE)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Metal Optics Pt2 Matthias Beier, SPACEOPTIX (DE)	Introduction to CodeV Pt3 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 (DE)	Introduction to CodeV Pt4 Adrien Tozzoli Synopsys (D)
20:00 – 22:00	Dinner	

Wednesday, 15 May 2022

Class A

Class B

8:30 – 10:00	Freeform Manufacturing and Metrology Ulrike Fuchs, Asphericon (DE)	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 (DE)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Grating Fabrication Technologies Uwe Zeitner, IOF (DE)	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 (DE)

Thursday, 16 May 2022

Class A

Class B

8:30 – 10:00	Polarization Scrambler and slit homogenizer technology Jerome Caron, TNO (NL)	Stressfree Optical Mounting Technologies Erik Beckert, IOF (DE)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Stressfree Optical Mounting Technologies Erik Beckert, IOF (DE)	STOP Analysis Matthias Erdmann, ESA (NL)
12:30 – 16:30	Boat Trip including Lunch	
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 2022

Class A

Class B

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	