



## Space Optics Instrument Design & Technology 2024

12 May – 17 May 2024, Poltu Quatu, Sardinia

### Sunday, 12 May 2024

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



Monday, 13 May 2022

Class A

Class B

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



Tuesday, 14 May 2022

Class A

Class B

8:30 – 10:00	<b>Introduction to CodeV Pt3</b> Adrien Tozzoli Synopsys (D)	<b>Metal Optics Pt2</b> Matthias Beier, SPACEOPTIX (DE)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	<b>Introduction to CodeV Pt4</b> Adrien Tozzoli Synopsys (D)	<b>Freeform Optics – Design and Applications</b> Ulrike Fuchs, Asphericon (DE)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	<b>Metal Optics Pt2</b> Matthias Beier, SPACEOPTIX (DE)	<b>Introduction to CodeV Pt3</b> Adrien Tozzoli Synopsys (D)
16:30 – 17:00	Coffee Break	
17:00 – 17:45 17:45 – 18:30	<b>Freeform Optics – Design and Applications</b> Ulrike Fuchs, Asphericon (DE)	<b>Freeform Design Optimisation with CodeV</b> Adrien Tozzoli Synopsys (D)
20:00 – 22:00	Dinner	

Wednesday, 15 May 2022

Class A

Class B

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

Thursday, 16 May 2022

Class A

Class B

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

Friday, 17 May 2022

Class A

Class B

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