



Space Optics Instrument Design 2020

11 – 15 May 2020, Poltu Quatu, Sardinia

Sunday May 10th, 2020

18:30 – 18:45	Welcome Bernd Harnisch / Luca Maresi (Organization Committee) <i>Conference area</i>
18:45 – 19:15	Introduction lecture (tbd) Conference area
19:30 – 20:30	Welcome Reception <i>Pool Area</i>



Monday May 11th, 2020

Class A

Class B

8:30 – 10:00	Introduction to Zemax OpticStudio Pt1 Alessandra Croce, ZEMAX (GB)	Freeform Optics – Design and Applications Ulrike Fuchs, Asphericon (DE)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Introduction to Zemax OpticStudio Pt2 Alessandra Croce, ZEMAX (GB)	Freeform Manufacturing and Metrology Ulrike Fuchs, Asphericon (DE)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Freeform Optics – Design and Applications Ulrike Fuchs, Asphericon (DE)	Straylight Modelization with Zemax OpticStudio Pt1 Alessandra Croce, ZEMAX (GB)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Freeform Manufacturing and Metrology Ulrike Fuchs, Asphericon (DE)	Straylight Modelization with Zemax OpticStudio Pt2 Alessandra Croce, ZEMAX (GB)
20:00 – 22:00	Dinner	



Tuesday May 12th, 2020

Class A

Class B

8:30 – 10:00	Introduction to Zemax OpticStudio Pt3 Alessandra Croce, ZEMAX (GB)	Glass and Ceramic Manufacturing Technology Pt1 Roland Geyl, REOSC (FR)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	Introduction to Zemax OpticStudio Pt 4 Alessandra Croce, ZEMAX (GB)	Glass and Ceramic Manufacturing Technology Pt2 Roland Geyl , REOSC (FR) Aluminium Manufacturing Technology Pt1 Matthias Beier, IOF (DE)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Glass and Ceramic Manufacturing Technology Pt1 Roland Geyl, REOSC (FR)	Straylight Modelization with Zemax OpticStudio Pt3 Alessandra Croce, ZEMAX (GB)
16:30 – 17:00	Coffee Break	
17:00 – 17:45 17:45 – 18:30	Glass and Ceramic Manufacturing Technology Pt2 Roland Geyl , REOSC (FR) Metal Optics Pt1 Matthias Beier, IOF (DE)	Straylight Modelization with Zemax OpticStudio Pt 4 Alessandra Croce, ZEMAX (GB)
20:00 – 22:00	Dinner	



Wednesday May 13th, 2020

Class A

Class B

8:30 – 10:00	Metal Optics Pt2 Matthias Beier, IOF (DE)	Freeform Design Optimisation with Zemax OpticStudio Alessandra Croce, ZEMAX (GB)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Freeform Design Optimisation with Zemax OpticStudio Alessandra Croce, ZEMAX (GB)	Metal Optics Pt2 Matthias Beier, IOF (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)	Grating Fabrication Technologies Uwe Zeitner, IOF (DE)



Thursday May 14th, 2020

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)	AIT of On- and Off-axis telescopes 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 May 15th, 2020

Class A

Class B

8:30 – 10:00	Innovation and Technology Management in Space Optics Luca Maresi, ESA (NL)	Detector Technology Kyriaki Minoglou, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	AIT of On- and Off-axis telescopes Matthias Erdmann, ESA (NL)	Hyperspectral CubeSat instruments overview Heikki Saari, VTT (FI)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Hyperspectral CubeSat instruments overview Heikki Saari, VTT (FI)	Hands-On Session III Volker Kirschner/Bernd Harnisch, ESA (NL)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Hands-On Session III Volker Kirschner/Bernd Harnisch, ESA (NL)	Innovation and Technology Management in Space Optics Luca Maresi, ESA (NL)
18:30 – 19:30	Closing Ceremony	
20:00 – 22:00	Dinner	