



Space Optics Instrument Design & Technology 2023

30 April – 5 May 2023, Poltu Quatu, Sardinia

Sunday, 30 April 2023

18:30 – 18:45	Welcome Ceremony Luca Maresi / Bernd Harnisch (Organization Committee) <i>Conference area</i>
18:45 – 19:25	JWST – One Year in Operation Chris Evans ESA (Space Telescope Science Institute Baltimore, US) <i>Conference area</i>
19:30 – 20:30	Welcome Reception <i>Pool Area</i>



Monday, 1 May 2023

Class A

Class B – Optical Experts

8:30 – 10:00	Introduction to Zemax (Part 1) Flurin Heren, ZEMAX (UK)	Space Optical System Requirements Definition Jose Lorenzo, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Introduction to Zemax (Part 2) Flurin Heren, ZEMAX (UK)	Introduction to Imaging Optical Systems Roland Geyl, REOSC (FR)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Space Optical System Requirements Definition Jose Lorenzo, ESA (NL)	Zemax Advanced (Part 1) Flurin Heren, ZEMAX (UK)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Introduction to Imaging Optical Systems Roland Geyl, REOSC (FR)	Zemax Advanced (Part 2) Flurin Heren, ZEMAX (UK)
20:00 – 22:00	Dinner	



Tuesday, 2 May 2023

Class A

Class B – Optical Experts

8:30 – 9:15	Introduction to Imaging Optical Systems Roland Geyl, REOSC (FR)	Zemax Advanced (Part 3) Flurin Heren, ZEMAX (UK)
9:15 – 10:00	Mechanical Engineering Jean-Christophe Salvignol, ESA (NL)	
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Mechanical Engineering Jean-Christophe Salvignol, ESA (NL)	Zemax Advanced (Part 4) Flurin Heren, ZEMAX (UK)
12:30 – 15:00	Lunch Break	
15:00 – 15:45	Introduction to Zemax (Part 3) Flurin Heren, ZEMAX (UK)	Introduction to Imaging Optical Systems Roland Geyl, REOSC (FR)
15:45 – 16:30		Mechanical Engineering Jean-Christophe Salvignol, ESA (NL)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Introduction to Zemax (Part 4) Flurin Heren, ZEMAX (UK)	Mechanical Engineering Jean-Christophe Salvignol, ESA (NL)
20:00 – 22:00	Dinner	

Wednesday, 3 May 2023

Class A

Class B – Optical Experts

8:30 – 10:00	Spectrometer Design Bernd Harnisch, ESA (NL)	Instrument Thermal Design and Analysis Romain Peyrou-Lauga, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Instrument Thermal Design and Analysis Romain Peyrou-Lauga, ESA (NL)	Spectrometer Design Bernd Harnisch, ESA (NL)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Hands-On (Part 1) Volker Kirschner/Bernd Harnisch, ESA (NL)	Optical Coating Design Angela Piegari, (IT)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Optical Coating Design Angela Piegari, (IT)	Hands-On (Part 1) Volker Kirschner/Bernd Harnisch, ESA (NL)



Thursday, 4 May 2023

	Class A	Class B – Optical Experts
8:30 – 10:00	Straylight Analysis and Control Volker Kirschner, ESA (NL)	Lens Mounting Gregory Lousberg, AMOS (BE)
10:00 – 10:30	Coffee Break	
10:30 – 11:15	Straylight Analysis and Control Volker Kirschner, ESA (NL)	Complex Procurement Luca Maresi, ESA (NL)
11:15 – 12:00	Performance Verification Maurice Te Plate, ESA (US)	Product Assurance for Optical Instruments Jorge Fiebrich, ESA (NL)
12:30 – 16:30	Boat Trip including Lunch	
17:00 – 18:30	Lens Mounting Gregory Lousberg, AMOS (BE)	Hands-On (Part 2) Volker Kirschner/Bernd Harnisch, ESA (NL)
18:30 – 19:00	Coffee Break	
19:00 – 20:30	Hands-On (Part 2) Volker Kirschner/Bernd Harnisch, ESA (NL)	Performance Verification Maurice Te Plate, ESA (US)
21:00 – 23:00	Dinner	

Friday, 5 May 2023

	Class A	Class B – Optical Experts
8:30 – 9:15	Performance Verification Maurice Te Plate, ESA office Space Telescope Science Institute (Baltimore, US)	Straylight Analysis and Control Volker Kirschner, ESA (NL)
9:15 – 10:00		
10:00 – 10:30	Coffee Break	
10:30 – 11:15	Integrated design of instrument calibration Glen Jaross, Goddard Space Flight Center, NASA (US)	Straylight Analysis and Control Volker Kirschner, ESA (NL)
11:15 – 12:00		Performance Verification Maurice Te Plate, ESA office Space Telescope Science Institute (Baltimore, US)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Hands-On (Part 3) Volker Kirschner/Bernd Harnisch, ESA (NL)	Integrated design of instrument calibration Glen Jaross, Goddard Space Flight Center, NASA (US)
16:30 – 17:00	Coffee Break	
17:00 – 17:45	Product Assurance for Optical Instruments Jorge Fiebrich, ESA (NL)	Hands-On (Part 3) Volker Kirschner/Bernd Harnisch, ESA (NL)
17:45 – 18:30	Complex Procurement Luca Maresi, ESA (NL)	
18:30 – 19:30	Closing Ceremony	
20:00 – 22:00	Dinner	