



Space Optics Instrument Design 2019

6 – 10 May 2019, Poltu Quatu, Sardinia

Sunday May 5th 2019

18:30 – 18:45	<p>Welcome Bernd Harnisch / Luca Maresi (Organization Committee) <i>Conference area</i></p>
18:45 – 19:15	<p>Cubesat Optical Payloads Luca Maresi, ESA (NL) <i>Conference area</i></p>
19:30 – 20:30	<p>Welcome Reception <i>Pool Area</i></p>



Monday May 6th, 2019

Class A

Class B

8:30 – 10:00	Introduction to Zemax Alessandra Croce, ZEMAX (GB)	Space Optical System Requirements Definition Jose Lorenzo, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Introduction to Zemax Alessandra Croce, ZEMAX (GB)	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)	Introduction to Zemax Alessandra Croce, ZEMAX (GB)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Introduction to Imaging Optical Systems Roland Geyl, REOSC (FR)	Introduction to Zemax Alessandra Croce, ZEMAX (GB)
20:00 – 22:00	Dinner	



Tuesday May 7th, 2019

Class A

Class B

8:30 – 9:15	Introduction to Imaging Optical Systems Roland Geyl, REOSC (F)	Introduction to Zemax Alessandra Croce, ZEMAX (GB)
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)	Introduction to Zemax Alessandra Croce, ZEMAX (GB)
12:30 – 15:00	Lunch Break	
15:00 – 15:45	Introduction to Zemax Alessandra Croce, ZEMAX (GB)	Introduction to Imaging Optical Systems Roland Geyl, REOSC (F)
15:45 – 16:30		Mechanical Engineering Jean-Christophe Salvignol, ESA (NL)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Introduction to Zemax Alessandra Croce, ZEMAX (GB)	Mechanical Engineering Jean-Christophe Salvignol, ESA (NL)
20:00 – 22:00	Dinner	



Wednesday May 8th, 2019

Class A

Class B

8:30 – 10:00	Spectrometer Design Bernd Harnisch, ESA (NL)	Optical Coating Design Angela Piegari, ENEA (IT)
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Optical Coating Design Angela Piegari, ENEA (IT)	Spectrometer Design Bernd Harnisch, ESA (NL)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Hands-On Session I Volker Kirschner/Bernd Harnisch, ESA (NL)	Instrument Thermal Design and Analysis Ivar Kjelberg, CSEM SA (CH)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	Instrument Thermal Design and Analysis Ivar Kjelberg, CSEM SA (CH)	Hands-On Session I Volker Kirschner/Bernd Harnisch, ESA (NL)



Thursday May 9th, 2019

Class A

Class B

8:30 – 10:00	Straylight Analysis Volker Kirschner, ESA (NL)	An Experience in Management of Space Projects Peter Jensen, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 11:15	Straylight Analysis Volker Kirschner, ESA (NL)	Lens Mounting Gregory Lousberg, AMOS (BE)
11:15 – 12:00	Performance Verification Maurice Te Plate, ESA (US)	
12:30 – 16:30	Boat Trip including Lunch	
17:00 – 18:30	Performance Verification Maurice Te Plate, ESA (US)	Hands-On Session II Volker Kirschner/Bernd Harnisch, ESA (NL)
18:30 – 19:00	Coffee Break	
19:00 – 20:30	Hands-On Session II Volker Kirschner/Bernd Harnisch, ESA (NL)	Optical Instrument Calibration Berit Ahlers, ESA (NL)
21:00 – 23:00	Dinner	



Friday May 10th, 2019

Class A

Class B

8:30 – 10:00	Lens Mounting Gregory Lousberg, AMOS (BE)	Straylight Analysis Volker Kirschner, ESA (NL)
10:00 – 10:30	Coffee Break	
10:30 – 11:15 11:15 – 12:00	Optical Instrument Calibration Berit Ahlers, ESA (NL)	Straylight Analysis Volker Kirschner, ESA (NL) Performance Verification Maurice Te Plate, ESA (US)
12:30 – 15:00	Lunch Break	
15:00 – 16:30	Hands-On Session III Volker Kirschner/Bernd Harnisch, ESA (NL)	Performance Verification Maurice Te Plate, ESA (US)
16:30 – 17:00	Coffee Break	
17:00 – 18:30	An Experience in Management of Space Projects Peter Jensen, ESA (NL)	Hands-On Session III Volker Kirschner/Bernd Harnisch, ESA (NL)
18:30 – 19:30	Closing Ceremony	
20:00 – 22:00	Dinner	