



## Space Optics Instrument Design & Technology 2026

31 May - 5 June 2026, Porto Cervo, Sardinia

### Sunday, 31 May 2026

18:30 – 18:45

#### **Welcome**

Volker Kirschner / Bernd Harnisch (Organization Committee)  
*Conference area*

18:45 – 19:30

#### **From "Faster, Better, Cheaper" to "New Space"**

Luca Maresi ESA retired (NL)  
*Conference area*

19:30 – 20:30

#### **Welcome Reception**

*Terrace*



Monday, 1 June 2026

Class A

Class B Optical Specialists

|                                |                                                                                                                                                                                    |                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:30 – 10:00                   | <b>Introduction to CodeV Part 1</b><br>Adrien Tozzoli Synopsys (D)                                                                                                                 | <b>Introduction to Optical Manufacturing Technologies Part 1</b><br>Roland Geyl, Geyl Optical Consulting (FR)                                                                      |
| 10:00 – 10:30                  | Coffee Break                                                                                                                                                                       |                                                                                                                                                                                    |
| 10:30 – 11:15<br>11:15 – 12:00 | <b>Introduction to CodeV Part 2</b><br>Adrien Tozzoli Synopsys (D)                                                                                                                 | <b>Introduction to Optical Manufacturing Technologies Part 2</b><br>Roland Geyl , Geyl Optical Consulting (FR)<br><br><b>Metal Optics Part 1</b><br>Matthias Beier, SPACEOPTIX (D) |
| 12:30 – 15:00                  | Lunch Break                                                                                                                                                                        |                                                                                                                                                                                    |
| 15:00 – 16:30                  | <b>Introduction to Optical Manufacturing Technologies Part 1</b><br>Roland Geyl, Geyl Optical Consulting (FR)                                                                      | <b>Introduction to CodeV Part 1</b><br>Adrien Tozzoli Synopsys (D)                                                                                                                 |
| 16:30 – 17:00                  | Coffee Break                                                                                                                                                                       |                                                                                                                                                                                    |
| 17:00 – 17:45<br>17:45 – 18:30 | <b>Introduction to Optical Manufacturing Technologies Part 2</b><br>Roland Geyl , Geyl Optical Consulting (FR)<br><br><b>Metal Optics Part 1</b><br>Matthias Beier, SPACEOPTIX (D) | <b>Introduction to CodeV Part 2</b><br>Adrien Tozzoli Synopsys (D)                                                                                                                 |
| 20:00 – 22:00                  | Dinner                                                                                                                                                                             |                                                                                                                                                                                    |

Tuesday, 2 June 2026

Class A

Class B Optical Specialists

|                                |                                                                                  |                                                                    |
|--------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 8:30 – 10:00                   | <b>Introduction to CodeV Part 3</b><br>Adrien Tozzoli Synopsys (D)               | <b>Metal Optics Part 2</b><br>Matthias Beier, SPACEOPTIX (D)       |
| 10:00 – 10:30                  | Coffee Break                                                                     |                                                                    |
| 10:30 – 11:15<br>11:15 – 12:00 | <b>Introduction to CodeV Part 4</b><br>Adrien Tozzoli Synopsys (D)               | <b>Grating Fabrication Technologies</b><br>Uwe Zeitner, IOF (D)    |
| 12:30 – 15:00                  | Lunch Break                                                                      |                                                                    |
| 15:00 – 16:30                  | <b>Metal Optics Part 2</b><br>Matthias Beier, SPACEOPTIX (D)                     | <b>Introduction to CodeV Part 3</b><br>Adrien Tozzoli Synopsys (D) |
| 16:30 – 17:00                  | Coffee Break                                                                     |                                                                    |
| 17:00 – 17:45<br>17:45 – 18:30 | <b>Freeform Optics – Design and Applications</b><br>Ulrike Fuchs, Asphericon (D) | <b>Introduction to CodeV Part 4</b><br>Adrien Tozzoli Synopsys (D) |
| 20:00 – 22:00                  | Dinner                                                                           |                                                                    |

Wednesday, 3 June 2026

Class A

Class B

|               |                                                                             |                                                                                  |
|---------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 8:30 – 10:00  | <b>Freeform Manufacturing and Metrology</b><br>Ulrike Fuchs, Asphericon (D) | <b>Lens Mounting</b><br>Gregory Lousberg, AMOS (BE)                              |
| 10:00 – 10:30 | Coffee Break                                                                |                                                                                  |
| 10:30 – 12:00 | <b>Lens Mounting</b><br>Gregory Lousberg, AMOS (BE)                         | <b>Freeform Optics – Design and Applications</b><br>Ulrike Fuchs, Asphericon (D) |
| 12:30 – 15:00 | Lunch Break                                                                 |                                                                                  |
| 15:00 – 16:30 | <b>Grating Fabrication Technologies</b><br>Uwe Zeitner, IOF (D)             | <b>Hands-On Session I</b><br>Volker Kirschner/Bernd Harnisch, ESA (NL)           |
| 16:30 – 17:00 | Coffee Break                                                                |                                                                                  |
| 17:00 – 18:30 | <b>Hands-On Session I</b><br>Volker Kirschner/Bernd Harnisch, ESA (NL)      | <b>Freeform Manufacturing and Metrology</b><br>Ulrike Fuchs, Asphericon (D)      |
| 20:00 – 22:00 | Dinner                                                                      |                                                                                  |

Thursday, 4 June 2026

Class A

Class B

|               |                                                                          |                                                                          |
|---------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 8:30 – 10:00  | <b>Straylight Correction</b><br>Matteo Taccola, ESA (NL)                 | <b>Stressfree Optical Mounting Technologies</b><br>Erik Beckert, IOF (D) |
| 10:00 – 10:30 | Coffee Break                                                             |                                                                          |
| 10:30 – 12:00 | <b>Stressfree Optical Mounting Technologies</b><br>Erik Beckert, IOF (D) | <b>STOP Analysis</b><br>Pascal de Vincenzo, Open Engineering (B)         |
| 12:30 – 16:30 | Social Activity                                                          |                                                                          |
| 17:00 – 18:30 | <b>Hands-On Session II</b><br>Volker Kirschner/Bernd Harnisch, ESA (NL)  | <b>Straylight Correction</b><br>Matteo Taccola, ESA (NL)                 |
| 18:30 – 19:00 | Coffee Break                                                             |                                                                          |
| 19:00 – 20:30 | <b>Detector Technology</b><br>Kyriaki Minoglou, ESA (NL)                 | <b>Hands-On Session II</b><br>Volker Kirschner/Bernd Harnisch, ESA (NL)  |
| 21:00 – 23:00 | Dinner                                                                   |                                                                          |



Friday, 5 June 2026

Class A

Class B

|               |                                                                                                             |                                                                                                             |
|---------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 8:30 – 10:00  | <b>STOP Analysis</b><br>Pascal de Vincenzo, Open Engineering (B)                                            | <b>Detector Technology</b><br>Kyriaki Minoglou, ESA (NL)                                                    |
| 10:00 – 10:30 | Coffee Break                                                                                                |                                                                                                             |
| 10:30 – 12:00 | <b>Optical Communication<br/>Concept and Terminal Design</b><br>Zoran Sodnik, ESA (NL)                      | <b>Impact of Project Choices for building an<br/>optical space instrument</b><br>Christoph Kuechel, OHB (D) |
| 12:30 – 15:00 | Lunch Break                                                                                                 |                                                                                                             |
| 15:00 – 16:30 | <b>Hands-On Session III</b><br>Volker Kirschner/Bernd Harnisch, ESA (NL)                                    | <b>Optical Communication<br/>Concept and Terminal Design</b><br>Zoran Sodnik, ESA (NL)                      |
| 16:30 – 17:00 | Coffee Break                                                                                                |                                                                                                             |
| 17:00 – 18:30 | <b>Impact of Project Choices for building an<br/>optical space instrument</b><br>Christoph Kuechel, OHB (D) | <b>Hands-On Session III</b><br>Volker Kirschner/Bernd Harnisch, ESA (NL)                                    |
| 19:00 – 20:00 | Closing Ceremony                                                                                            |                                                                                                             |
| 20:30 – 22:00 | Dinner                                                                                                      |                                                                                                             |