

ISSO 2021

Certificate of Attendance

Hereby the School Coordinators Committee confirms that

<<name>> <<surname>>

has attended the

INTERNATIONAL SCHOOL ON SPACE OPTICS
Organised online

25 - 29 October 2021



Angela Piegari
ENEA
Italy



Nikos Karafolas
ESA/ESTEC
The Netherlands



Bruno Cugny
CNES
France



Errico Armandillo
Senior Space Optics Advisor
The Netherlands



Bernd Harnisch
Senior Space Optics Advisor
The Netherlands

ISSO 2021 PROGRAM

Introduction to Space Optics	GIAMPIERO NALETTO	UNIVERSITY OF PADOVA
Optical Observation of Earth from Space	BRUNO CUGNY	CNES
Optical Observation of Space from Space	GIAMPIERO NALETTO	UNIVERSITY OF PADOVA
Optical Space Communications	ZORAN SODNIK	ESA/ESTEC
Virtual Visit - ESA Overview and Satellite Testing at ESTEC	ROBERT WILLEMSEN	SPACETOURS NOORDWIJK
Telescopes & Adaptive Optics	VOLKER KIRSCHNER	ESA/ESTEC
Spectrometers	BERND HARNISCH	SENIOR SPACE OPTICS ADVISOR
Radiometers	MATTEO TACCOLA	ESA/ESTEC
Imagers (including Coronagraphs)	YVAN STOCKMAN	UNIVERSITY OF LIEGE
Guest Talk: The James Webb mission	GIOVANNA GIARDINO	ESA/ESTEC
Focal Plane and Detectors	CEDRIC VIRMONTOIS	CNES
Lasers	ERRICO ARMANDILLO / LINDA MONDIN	SENIOR SPACE OPTICS ADVISOR / ESA/ESTEC
LIBS, Laser Raman Spectrometers	BRUNO CUGNY / MURIEL SACCOCCIO	CNES
LIDAR	ERRICO ARMANDILLO	SENIOR SPACE OPTICS ADVISOR
Virtual Visit - Robotics for Moon and Mars / 3D printing for Space	ROBERT WILLEMSEN	SPACETOURS NOORDWIJK
Optical Coatings	ANGELA PIEGARI	ENEA
The Space Environment and Effects on Optics	DOMINIC DOYLE	ESA/ESTEC
Verification of Space Optics	DOMINIC DOYLE	ESA/ESTEC
Photonics & Optics in S/C and Launchers	IAIN MCKENZIE	ESA/ESTEC
Guest Talk: The Aeolus mission	ANNE-GRETE STRAUME	ESA/ESTEC
Photonics in Satellite Telecom Payloads	NIKOS KARAFOLAS	ESA/ESTEC
Quantum Communications	RUPERT URSIN	AUSTRIAN ACADEMY OF SCIENCES
Quantum Optics in Space Instrumentation	EAMONN MURPHY/OLIVIER CARRAZ	ESA/ESTEC