Space Link Services Area

Resolution SLS-R-2021-02-001

Appointment of the deputy chair of the Optical Communications Working Group (SLS-OPT)

12th February 2021

Gian Paolo Calzolari SLS Area Director
Gilles Moury SLS Deputy Area Director

The Space Link services Area,

CONSIDERING that

- the position of deputy chair for the Optical Communications Working Group is vacant after Klaus-Juergen Schulz resignation,
- all CCSDS member Agencies have been asked to provide candidates for the position of Optical Communications WG deputy chair,
- only one candidacy has been received for appointing Clemens Heese (ESA) as WG deputy chair;

RECOGNISING that the candidate has strong background and experience in Opto-Electronics and Optical Ground Stations (see attached Curriculum Vitae);

RECOMMENDS that Clemens Heese is appointed deputy chair of the Optical Communications (SLS-OPT) Working Group

RESOLVES to request CESG to approve this appointment

RECOMMENDS that the CESG approve this resolution and, finally

REQUESTS that CESG poll be conducted to accomplish this.

Clemens Heese joined the European Space Agency, Noordwijk, The Netherlands, in 2012 as an OptoElectronics Engineer. He graduated from University of Münster, Germany, as an applied physicist and received a doctoral degree from ETH Zürich in Switzerland (Swiss Federal Institute of Technology) for his work on high-power mid-infrared femtosecond laser physics.

At ESA/ESTEC he managed the Opto-Electronics laboratory, ESA's 1m Optical Ground Station on Tenerife and projects related to optical communication and quantum key distribution. He has been project manager and technical officer for various optical space terminal and ground station developments.

Since 2016 he actively supports the CCSDS SLS-OPT working group, coordinating optical telecommunication standardisation related development activities within the Agency.

Since 2020 he continuous his work on optical ground stations at ESA/ESOC, Germany, as the 'Head of the Optical Technologies Section', developing ESA's operational optical ground stations for communication, ranging and space debris observation.