

**Advanced Course on Space Optics for Professionals:
"Spaceborne Lidars"**
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Biography Presenter

Name Presenter

Thomas Ormston

Nationality Presenter

United Kingdom

Affiliation Presenter and Location (City, Country)

European Space Agency/European Space Operations Centre, Darmstadt, Germany

Present Position

EarthCARE Spacecraft Operations Engineer

Short Biography

Thomas Ormston is a Spacecraft Operations Engineer at the European Space Agency's European Space Operations Centre (ESOC) in Darmstadt, Germany. He graduated in 2005 from the University of Birmingham with an MSci Physics and Space Research. From there he joined the Mars Express Flight Control Team at ESOC with responsibilities including the power, thermal and communications subsystems. On Mars Express Thomas was also responsible for the creation of the Mars Webcam project and was heavily involved in Mars Express support to the NASA JPL Mars rovers. Since November 2012, Thomas has been working for ESOC's Earth Explorer mission office as a Spacecraft Operations Engineer working on CryoSat-2 and EarthCARE. Today his role involves preparing flight operations for the EarthCARE mission as a system engineer, with specialties in power, thermal and communications, as well as being responsible for preparing flight operations for the ATLID LIDAR.