

Biography Presenter:-



Prof. David Rees.

Presentation Title	Lidar Design III: The Receiver Chain (from telescope to Focal Plane)
Name Presenter	Prof. David Rees
Nationality Presenter	UK
Affiliation Presenter and Location (City, Country)	The Paradigm Factor Ltd., Robertsbridge, UK.
Present Position	Managing Director, The Paradigm Factor Ltd. (UK)
Short Biography	Prof. Rees has been involved in the development of Lidar Systems and their exploitation for atmospheric science since 1970. After running the Atmospheric Physics Laboratory at University College London, UK, for more than 30 years, through his companies, he has subsequently been involved in providing the 24 / 7 capability for the ALOMAR Observatory in N. Norway, as well as the development of the Direct Detection Technique currently exploited by Aeolus. He has participated in a number of ESA design and development studies for Aeolus and ATLID / EarthCARE, among other Projects. He has also worked on several large Astronomical Telescopes. A current hot R&D topic is Imaging Lidar, exploiting very high-performance imaging photon detectors with 100 psec time-tagging.