

Biography Presenter



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| Presentation Title | Lidar Space Operation I : The Space Environment and Critical Laser Component Qualification |
| Name Presenter | Adrian P. Tighe |
| Nationality Presenter | British |
| Affiliation Presenter and Location (City, Country) | ESA ESTEC (Noordwijk, The Netherlands) |
| Present Position | Materials Engineer |
| Short Biography | Adrian Tighe has been a Materials and Product Assurance Engineer in the Directorate of Technology, Engineering and Quality at the European Space Agency in ESTEC since 2001. He supports ESA space projects and works with ESA's industrial partners on all issues related to the effects of the space environment on materials and coatings, with the direct involvement of ESA's materials and components test laboratories. He worked extensively for the Aeolus mission on the materials and processes issues related to laser induced contamination and damage of the optical components. Before joining ESA, he obtained his Ph.D. and held a postdoctoral research fellowship at the University of Southampton, UK, performing research into the effects of high velocity space debris particle impacts on materials. |