

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

Presentation Title	<b>Lidar Space Operation: Component Testing and Space Qualification</b>
Name Presenter	<b>Mustapha Zahir</b>
Nationality Presenter	<b>UK</b>
Affiliation Presenter and Location (City, Country)	<b>ESA-ESTEC, Noordwijk, The Netherlands</b>
Present Position	<b>Optoelectronics Engineer</b>
Short Biography	<b>Mustapha Zahir, is an ESA staff member since 2002. He has worked as Photonics Microwave Engineer during the first 4 years, than moved to the Technology Quality division where he worked there for 11 years, before recently moved to the Opto-electronics section. He has participated in most ESA projects since 2006, where he qualified most Photonics components, but mainly Image sensors, Lasers and Fibre optic. He was the chairman of the laser diode WG, the CCD WG, the IR Detector WG and the CTB Detector WG.</b>