

PRESS RELEASE

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High-performance laser mirror made of SiSiC for optical communication in space – Berliner Glas Group publishes technical article

From 07 until 10 October 2014 the 'International Conference on Space Optics' (ICSO) was held on Tenerife, Spain. ICSO 2014 was the 10th edition of the largest meeting worldwide of experts working in all disciplines of Optical, Optoelectronic and Photonic Technologies for Space Applications.

The Berliner Glas Group was represented by Dr. Wolfgang Otto, Manager Product Development of the Business Unit Industrial Solutions. In his presentation Dr. Otto introduced the plane elliptical shaped mirrors that were developed and produced by the Berliner Glas Group for the Synopta Coarse Pointing Assembly (CPA) being one of the key elements of the TESAT Spacecom Laser Communication Terminals (LCTs) that are used for laser communication in space.

The technical requirements that have to be met by these mirrors, the solution of the Berliner Glas Group as well as the advantages that the design and the features of the mirrors provide are included in the technical paper. This document 'High-Performance Mirror for Space Applications Using Anodic Bonding Technology' is available at the Berliner Glas Website: www.berlinerglas.com/news/white-papers

For further information about ICSO 2014 please visit the ICSO Website: www.icso2014.org. All ICSO conference papers can be downloaded from the ICSO Proceedings on line resource for Space Optics (www.icsoproceedings.org).

About Berliner Glas:

The BERLINER GLAS GROUP (www.berlinerglas.com) is one of the world's leading providers of optical key components, assemblies and systems as well as high-quality refined technical glass. With more than 1,100 employees, BERLINER GLAS develops, produces and integrates optics, mechanics and electronics into innovative system solutions for its customers. As OEM partners from prototyping to volume production, the BERLINER GLAS GROUP companies serve innovative customers in various market segments – laser and space technology, semiconductor industry, medical technology, metrology, analytics, defense and the display industry.

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