

8th EOS Topical Meeting on Diffractive Optics (DO 2012)

Veranstaltung - 8th EOS Topical Meeting on Diffractive Optics (DO 2012) ʘ

Titel	8th EOS Topical Meeting on Diffractive Optics (DO 2012)
Wann	Mo, 27. Februar 2012 - Do, 1. März 2012

Beschreibung

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After 20 years of active research and development of design and fabrication techniques, diffractive optics is approaching the status of a mature technology. In addition to the ongoing fundamental basic and applied research, we can find diffractive optics in increasingly many applications which are either completely based on diffraction phenomena or for which the diffraction solution is remarkably more compact, light-weight, or cheaper than its alternatives.

The 2012 meeting in Delft includes a focus session on Diffraction Optics in the High-Tech Industry. This session gathers scientists and engineers working in the field of diffractive optics in industry and those in academy that work on industrial problems. The Topical Meeting will give attendees a wide picture of Diffractive Optics, from fundamental modelling of light-matter interaction to design techniques and from fabrication techniques to novel applications.

Topics

The focus session will be on:
Diffraction Optics in the High-Tech Industry

Topics include, but are not limited to:

- Novel optical materials including metamaterials
- Modelling of diffractive optics
- Optical beam shaping
- Polarization
- Scattering
- Diffractive Optics for Solid State Lighting and solar
- Photonic crystals
- Adaptive and switchable diffractive optics
- Diffractive Optics for Life Sciences and sensing
- Inverse problems in diffraction optics
- Fabrication and characterization
- Measurements and inspection

Hier finden Sie weitere Informationen auf den [Seiten des Veranstalters](#).

Lokalität - Delft

Standort	Delft
Ortsname	Delft
Land	NL