


Workshop on Diffractive Optics: Design, fabrication, assembly and application of innovative diffractive optical elements

Program on Monday, 27th of June 2022, 13:30 – ca. 18.00 h
Swissmem, Pfingstweidstrasse 102, Zurich

Time	Presentation & Topic
13:30 h	Welcome & Introduction Dr. Jörg Güttinger, Managing Director NTN IB-Photonics Dr. Selina Casutt, Head of Department NTN IB-Photonics
13:40 h	Diffractive Optical Elements – Harnessing the Wave Nature of Light Dr. David Kallweit, CSEM SA
13:55 h	Advanced Nanolithography for Sub-10 nm Resolution Diffractive Optical Elements Dr. Florian Döring, XRnanotech GmbH
14:10 h	Diffractive and Refractive Optics for Beam Shaping and Fiber Optics Dr. Wilfried Noell, SÜSS MicroOptics SA
14:25 h	Advanced Optical Solutions: Diffractive Optics - Meta Optics - AR/MR Dr. Sören Fricke, NILT Switzerland GmbH
14:40 h	Optical Design and Manufacturing of Diffractive Optical Elements Dr. Kim Dong Cheon, Axetris AG
15:00 h	Networking and Coffee Break
15:30 h	Diffractive Optical Elements in Geodetic Instruments - Productization and Testing Josef Lais, Leica Geosystems AG
15:45 h	Diffractive Optics in Anti-Counterfeiting Applications and Beyond Dr. Harald Walter, OVD Kinegram AG
16:00 h	Break-out Discussion in Groups
17:00 h	Wrap up in Podium Discussion
17:20 h	Apéro

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