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Deposition of Uniform and Laterally Graded Optical Interference Coatings

Wednesday, September 18, 2019 10:00 AM - 11:00 AM EDT

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About This Webinar

The advantages of reactive magnetron sputtering are its excellent layering properties, the comparatively short deposition times, and its scalability to large substrate sizes. In this webinar, you will learn about the capability of reactive magnetron sputtering technology for performing actual coating tasks. Several results obtained at Fraunhofer FEP using this technology will be presented.

The focus will be on a technology that is suitable for the deposition of thin films with well-defined local layer thickness distributions on large planar and 3D optical components, to allow deposition of both homogeneous and locally graded coatings. The presenter will also discuss application examples, such as variable optical filters and antireflective coatings on lenses, in which the optical function is adapted to the different angles of light incidence. This webinar is sponsored by Delta Optical Thin Film A/S.



About the presenter:

Daniel Glöß, Ph.D., is group manager of the Dynamic Precision Coatings group in the Plasma Technology division of Fraunhofer FEP. He has been a member of the research staff of Fraunhofer Institute for Organic Electronics, Electron Beam and Plasma Technology FEP since 2001. He studied physics at Dresden University of Technology and received his doctoral degree from Chemnitz University of Technology. His primary research interests are large-area precision coatings and nano-composite coatings for optics and sensor applications.

Who should attend:

Optical engineers, designers, and managers who want to increase their understanding and learn about the newest technology in precision optical coating technology and applications. All industries that use precision coating technology will benefit from this presentation; it is not industry-specific.

Mark Your Calendar

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