



SEMINAR

“Advanced Topics in Optics, Lithography and Artificial Intelligence in Manufacturing”

Wed 11.09.2024 from 14:00 to 16:30

The seminar is targeted at students, technical staff and researchers. It will be broadcasted from the University of Parma from 14:00 to 16:30 with the contribution of consortium members of the Horizon Europe project OPTIMAL.

PROGRAM

14:00 – 14:25 *Photoresists, their chemistry and application examples* - **Anja Voigt (Micro resist technology GmbH)**

14:25 – 14:50 *OPTIMAL platform* - Markus Postl (JOANNEUM RESEARCH)

14:50 – 15:15 *Laser interference lithography - principle, automated setup and gratings* - **Dušan Pudiš (University of Zilina)**

15:15 – 15:40 *Imaging and characterization of polymer microstructures* - **Dušan Chorvát (Slovak Centre of Scientific and Technical Information I)**

15:40 – 16:05 *Advanced process optimization using Artificial Intelligence (AI)* - **Adrian Lutey (University of Parma)**

16:05 – 16:30 *High precision polymer injection molding in Micro Optics* – **Paul Weitnauer (Sony DADC Europe GmbH)**

To attend the seminar, please register by 10.09.2024

at <https://forms.office.com/e/MaR34LJYKg>.

The link to access the online session, via MS Teams, will be sent to all registered participants by 11.09.2024, 10.00 am.



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