



Tutorial PVD

Production-optimised design of vacuum recipients – experiences, challenges, potentials

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Vacuum recipients play an increasingly irreplaceable but often underestimated role in thin-film technology as containment assemblies for high-tech processes.

The lecture considers tasks and design principles from the manufacturer's point of view as well as the production steps necessary for a high-quality vacuum chamber design.

It will look at the various potentials in the design, material selection, production, testing and assembly of vacuum chambers - also considering anonymous practical examples - and make a plea for an early and intensively coordinated interlocking of process and production optimisation in the development process.

An essential part of the tutorial contribution is the open discussion and exchange of experiences gained as a kick-off for continuous improvements and interdisciplinary cooperation.

