



Laboratory for Micro and Nanotechnology

The Laboratory of Micro and Nanotechnology (LMN) was established in 1993. Since 2000 it belongs to the department of Synchrotron Radiation and Nanotechnology of the Paul Scherrer Institute. LMN is dedicated to fundamental and applied research with a focus on:

- Outstanding nanoscience by exploiting the synergies between advanced micro/nanofabrication and PSI's large scale facilities, in particular the Swiss Light Source (SLS)
- Enabling innovations in instrumentation (optics, detectors, diagnostics etc.) for large scale facilities by applying nanotechnology
- Providing advanced micro- and nanofabrication technologies to academic and industrial users, in particular in the area of polymer nanotechnology.

>> LMN research news and highlights

Main Areas of Research and Technology Development

- **Molecular Nanoscience**
- **Polymer Nanotechnology**
- **X-ray Optics**
- **EUV Interference Lithography**
- **Vacuum Nanoelectronics**
- **Quantum Technologies**

>> List of current research topics

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