

The research activities of the Institute for Physics of Electrotechnology (TEP) focus on microstructured devices and microsystems employed in various application fields. The topics comprise physically-based modeling, numerical simulation, characterization and diagnostics of fabrication processes, device operation, and system performance, which constitutes the basis of computer-aided design optimization in a “virtual development process.”

**Key Research Fields & Competence Areas:**

- Microsensors and Microactuators
- Microstructured High Power Semiconductor Devices
- Microstructured Mechatronical Systems

**Institute Highlights:**

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