



Praktikum Halbleiterphysik - Semiconductor Physics Lab (HLP PR I)

Experimental Methods in Semiconductor Physics WS 2024 / 25

Start of the experimental work is normally at 8:15 or 13:15 o'clock. The date has to be confirmed by the supervisor.

Please contact the supervisor about one week before the envisaged date of experiment to fix the date !

Nr.	Subject	Responsible	Room / phone*	dates
A2	Scanning electron microscopy (SEM)	Dr. Daniel Splith daniel.splith@physik.uni-leipzig.de	P 211 32641	October 2024
A3	PLD growth of thin oxide films (PLD / RHEED)	PD Dr. von Wenckstern / Dipl.-Ing. H. Hochmuth wenckst@uni-leipzig.de	TA 304 32661/32657	Oct. / Nov. 2024
A4	Free charge carriers (electrical conductivity / Hall effect)	PD Dr. von Wenckstern wenckst@physik.uni-leipzig.de	TA 306 32604	November 2024
A5	Dielectric function (spectroscopic ellipsometry, SE)	Dr. Chris Sturm csturm@physik.uni-leipzig.de	TA 311 32690	Nov. / Dec. 2024
A6	Crystal structure (high-resolution X-ray diffraction, XRD)	PD Dr. v. Wenckstern/ J. Bredow wenckst@uni-leipzig.de	TA 313 32661/32669	December 2024
A7	Radiative recombination (low-temperature PL)	Dipl.-Phys. Gabriele Benndorf benndorf@rz.uni-leipzig.de	TA 309 32672/32655	Dec. / January 2025
A8	Dielectric thin films (ellipsometry)	Dr. Chris Sturm csturm@physik.uni-leipzig.de	TA 311 32690	January 2025
A1	Ferroelectric and ferromagnetic hysteresis (FE measuring station, PPMS)	Dr. Daniel Splith daniel.splith@physik.uni-leipzig.de	TA 317 32661; 32641	Jan. / February 2025

*Dial-in University of Leipzig: 0341 97...;

Scripts: <http://www.uni-leipzig.de/~hlp/>; Teaching; Laborpraktikum (Lab course)