

Legend

Experiments in Aachen

M1	Raster-/Magnetkraftmikroskop (2 ED)
M2	Quantum transport
M3	Superconductivity and SQUID
M4	Photoluminescence
M5	Ultrasound (2 ED)
M6	High frequency measurement techniques

M7	Mass spectrometry
M8	Pseudo-MOSFET (2 ED)
M9	Hong-Ou-Mandel
M10	Coulomb blockade in Si quantum dots
M11	NMR Spectroscopy
M12	Fabrication of ultra-small quantum dot

Laboratory experiments in Aachen:

L1	Scanning tunneling microscope
L2	Stacking of 2D materials in glove box environment
L4	Fabrication of twisted bilayer graphene and Raman
L5	Hyperspectral imaging of excited excitonic states in 2D semiconductors

L10	Measurement and tuning of a single electron transistor
L12	Single electron shuttling in Si/SiGe
L13	Digital twin of a small scale quantum processor
L14	Optical measurement of an electrostatic exciton trap
L16	Kinetic inductance and quasiparticles in superconducting resonators