

Organization structure of the PGI-11

JARA Institute for Quantum Information

Directorate	Prof. David DiVincenzo Quantum Computing Theory
Director of Operations	Prof. Hendrik Bluhm Semiconductor Qubits
	Dr. Markus Beckers
Secretary	Luise Snyders
Quantum Control and Optical Coupling	Prof. Hendrik Bluhm <ul style="list-style-type: none">• Coherent optical interfaces• Scalable technologies for multi-qubit devices• Qubit-dedicated software
OpenSuperQ	Prof. Dr. Pavel Bushev <ul style="list-style-type: none">• Superconducting Qubits• Full Stack Quantum Computation• Open Access Quantum Computation
Fundamentals of Solid State Qubits and Quantum Computing Architecture	Prof. David DiVincenzo <ul style="list-style-type: none">• New Qubit designs / architectures• Error Correction• Modelling concepts
Quantum Theory	Dr. Gianluigi Catelani <ul style="list-style-type: none">• Mesoscopic physics• Superconducting qubits and devices• Decoherence processes in qubits
Spin Qubit Technology	Dr. Lars Schreiber <ul style="list-style-type: none">• Spin qubits in Si and Ge systems• Scalable qubit architectures• Advanced materials and fabrication
Services	<ul style="list-style-type: none">• IT and Software development• Training coordination• Electronics development• Measurement infrastructure• Fabrication