

Plenary talks (PV)

Plenary Talk

PV I Mon 9:00 E 415

Prospects for Superconducting Qubits — ●DAVID DIVINCENZO
— RWTH Aachen and Forschungszentrum Juelich

I will give a review of the steady progress in achieving high-fidelity

superconducting qubits. As with any "Moore's law" phenomenon, this progress has not been the result of any one breakthrough, but rather from a continual increase in the understanding of the physics and engineering of the field. I will discuss the next steps of scaling this system, and the role that the surface code could play in this.