



CONTROLLING NANOSTRUCTURES WITH SOUND **WE ARE HIRING** **15 PHD** **STUDENTS FOR THE** **FOLLOWING** **PROJECTS:**

Materials & Technology Research

- Silicon acousto-electronics in Enschede –
- Epitaxial graphene in Berlin –
- Complex-oxide acousto-electronics in Enschede –
- Integrated sensors in Rome –
- Acoustophotocatalysis in Augsburg –
- Phononic cavities in Valencia –

Hybrid structures

- Quantum photonic devices in Cambridge –
- Quantum dot mechano-excitons in Augsburg –
- Acousto-optical modulators in Valencia –
- Quantum acoustics in Gothenburg –

Quantum Transport

- Single-photons in microcavities in Berlin –
- Flying electrons in Grenoble –
- Theory of qubit conversion in Cambridge –
- Polarised single photons in Cambridge –
- SAW-modulated graphene in Madrid –

