



Universität
Basel

Research Project

Nano-photonics with van der Waals heterostructures

Third-party funded project

Project title Nano-photonics with van der Waals heterostructures

Principal Investigator(s) [Warburton, Richard](#) ;

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Project Members [Sponfeldner, Lukas](#) ;

Organisation / Research unit

Departement Physik / Experimental Physics (Warburton)

Departement Physik / Experimental Material Physics (Zardo)

Department

Project start 01.07.2018

Probable end 30.06.2022

Status Completed

We propose to create van der Waals heterostructures for nano-photonics applications, notably asä-congrurable single photon sources. The project involves nano-materials development (pristine heterostructures and quantum dots) and nano-photonics experiments (single emitter characterization).

Financed by

Other sources

Add publication

Add documents

Specify cooperation partners