



Universität  
Basel

## Research Project

### Portable UHV Scanning Probe Microscope – PSPM

#### Third-party funded project

**Project title** Portable UHV Scanning Probe Microscope – PSPM

**Principal Investigator(s)** [Jung, Thomas](#) ;

**Organisation / Research unit**

Departement Physik / Physik

**Department**

**Project start** 01.04.2014

**Probable end** 31.03.2017

**Status** Completed

A Scanning Probe Microscope (SPM), implemented into an ultra high vacuum suitcase, will be developed. This allows for spectro-microscopy correlation experiments to be performed in the suitcase when attached to dedicated photon spectroscopy systems at synchrotron end-stations and in surface science laboratories. The modular portability of this SPM makes spectro-microscopy investigations highly economical compared to the installation of a dedicated SPM at every hosting system.

#### Financed by

Innovation Promotion Agency CTI

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