



# SPINTECH

*Boosting the scientific excellence and innovation capacity in spintronics of the D. GHITU Institute of Electronic Engineering and Nanotechnologies of the Academy of Science of Moldova*

SPINTECH is a three-year Coordination and Support Action (CSA) funded by the Horizon 2020 programme in the framework of the WIDESPREAD Twinning Call, with the overall aim of developing the research capacity of the D. Ghițu Institute of Electronic Engineering and Nanotechnologies (IEEN) in Moldova.

Focused on spintronics, the project will be implemented through knowledge exchange with two highly experienced partners: the University of Stockholm in Sweden and the University of Twente in the Netherlands.

Collaborative activities will cover two main topics:

- Advanced vacuum technologies development for fabrication of layered nanostructures for spintronics.
- Elaboration and testing of a superconducting spin-valve for switching and memory elements.

In order to achieve these objective, the consortium partners will implement a comprehensive set of measures, which will include:

- Short-term staff exchanges
- Training workshops, conferences and summer schools
- Dissemination and outreach activities

UNIVERSITY  
OF TWENTE.



For more information regarding the project and its achievements, please visit the SPINTECH website:

[h2020-spintech.eu](https://h2020-spintech.eu)



Stockholm  
University



The SPINTECH project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 810144.