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Magnetic properties investigation of SF-hybrid nanostructures

Working Meeting + TrainingWorkshop

27 August 2019, University of Twente, The Netherlands

This event is supported by the European Union H2020-WIDESPREAD-05-2017-Twinning project "SPINTECH"
under grant agreement Nr. 810144.

SPINTECH Project full title:

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



Organizing committee

Prof. Anatolie Sidorenko, IEEN Chisinau, Moldova

Prof. Alexander Golubov, Uni-TWENTE, Enschede, The Netherlands

Prof. Valery Vinokur, Uni-TWENTE, Enschede, The Netherlands

Location: Meeting room C 2056, Carre Building, *University of Twente*, Enschede

PROGRAM

of the Training “Magnetic properties investigation of SF-hybrid nanostructures”

27.08.2019

9:00 - 12:00 Registration of participants in the entrance hall of *University of Twente*

14:00 Opening of the Meeting - Coordinator of the SPINTECH project **Anatolie Sidorenko (IIEN, 15 min)**,

14:10 Information about staff exchange between IIEN and **UTWENTE**, scientific equipment, available for research (SQUID-microscope, Cryostats, Bonding machine, et cetera) **Alexander Golubov (UTWENTE, 30 min)**

14:40 SQUID-Microscope - the powerful instrument for magnetic nanostructures investigation. Pim Reith (UTWENTE, 30 min)

15:10 Methods of critical magnetic fields investigation. Anatolie Sidorenko (IIEN, 30 min)

15:40 Critical magnetic fields calculation for layered SF-nanostructures. Evgenii Antropov (IIEN, 30 min)

16:10 Proximity effect peculiarities in SF-layered hybrids. Alexander Golubov (IIEN, 30 min)

16:40 – 18:00 Round table discussion – all participants.

18:00 End of the meeting

List of participants:

Prof. Anatolie Sidorenko – coordinator of the project (IIEN)

Prof. Alexander Golubov – leader of the UTWENTE group (UTWENTE)

Prof. Valery Vinokur - project member (UTWENTE)

Dr. Evgenii Antropov –Cryogenic Laboratory of IEEN, project member (IIEN)

PhD student Pim Reith, project member (UTWENTE)

More information on the project web-page:

<http://nano.asm.md/SPINTECH-NANO-2019>