

SEMINARIUM Z MAGNETYZMU I NADPRZEWODNICTWA

Uprzejmie zawiadamiamy, że w **środę**

3 kwietnia 2019 r., o godz.10:00

w sali 203 (bud. 1) odbędzie się seminarium, na którym

Professor D. Atkinson

Department of Physics, Durham University, Durham, UK

wyłosi referat zatytułowany:

„Interfacial Phenomena in Ferromagnetic/Non-Magnetic Thin-Films: DMI and Proximity Magnetisation; Spin Transport, Spin-Mixing Conductance and the Spin Diffusion Length”

A range of interfacial physics has emerged in ferromagnetic/non-magnetic (FM/NM) systems that opens up new avenues for physical understanding and offers potential for spintronic applications. Here the relationship between the Dzyaloshinskii-Moriya interaction across the FM/NM interface and magnetic polarisation of the NM layer is presented and a detailed study of spin transport across FM/NM interfaces explains the role of the interface structure and new analysis shows that the spin-diffusion length is actually thickness dependent.

Serdecznie zapraszamy

Roman Puźniak / Henryk Szymczak / Andrzej Szewczyk