

SEMINARIUM Z MAGNETYZMU I NADPRZEWODNICTWA

Uprzejmie zawiadamiamy, że w **poniedziałek**

28 kwietnia 2014 r., o godz. 12:00

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

Dr Kay Potzger

Helmholtz Centrum Dresden Rossendorf, Institute of Ion Beam Physics and Material Research

wyłosi referat na temat:

Ion beams for magnetic materials research: TRIDYN simulation-fundamentals and application

Ion implantation is a versatile tool in order to introduce dopants into materials as well as structural defects far from thermal equilibrium. Since both defects creation as well as doping are inherently connected during ion irradiation, theoretical models are required in order to predict the projected ion range, sputtering or other effects connected to structural defects. In the talk, examples on doping and defects of magnetic thin films will be given. Moreover, the TRIDYN code for the simulation of ion-matter interaction will be introduced.

Serdecznie zapraszamy

Roman Puźniak
Henryk Szymczak
Andrzej Wiśniewski