

SEMINARIUM Z MAGNETYZMU I NADPRZEWODNICTWA

Uprzejmie zawiadamiamy, że w **ŚRODĘ**

25 kwietnia 2012 r., o godz. 10:00

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

Dr Taras Palasyuk

Instytut Chemii Fizycznej PAN

wyłosi referat na temat:

„High-pressure studies of FeSe-based high-temperature superconductors”

Recently discovered superconductivity in a large number of iron-based materials, similarly to cuprate high-T_c superconductors, has reignited the hope of scientific community to gain vital clues for establishing a general theory of superconductivity. One of the outstanding characteristics of iron-based superconductors is a pronounced pressure effect on the superconducting transition temperature. The talk will outline the current progress in experimental studies of several FeSe-based superconductors (pristine FeSe, selectively doped (with Cu and Te) and intercalated (with alkaline metals)) particularly focusing on complex interplay between structural, electronic and magnetic properties observed under hydrostatic pressure conditions.

Serdecznie zapraszamy

Roman Puźniak
Henryk Szymczak
Andrzej Wiśniewski