

SEMINARIUM Z MAGNETYZMU I NADPRZEWODNICTWA

Uprzejmie zawiadamiamy, że w **ŚRODĘ**

14 maja 2014 r., o godz. 10:00

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

Prof. Alexander Gabovich

Institute of Physics, NASU, Kiev, Ukraine

wygłosi referat na temat:

Stationary Josephson current involving d-wave superconductors with charge density waves

It is shown that charge density waves (CDWs) (intrinsic, e.g., to cuprates) can conspicuously alter dependences of the stationary Josephson currents between d-wave superconductors with CDWs on the angles between crystal axes and the junction planes. Angular and doping current dependences are essentially different for checkerboard and unidirectional CDWs. Josephson current measurements can supplement photoemission and tunnel spectroscopic studies to elucidate superconducting order parameter symmetry, detect CDWs and find their specific configuration.

Serdecznie zapraszamy

Roman Puźniak
Henryk Szymczak
Andrzej Wiśniewski