

## REKRUTACJA DO SZKOŁY DOKTORSKIEJ

Składanie dokumentów on-line: [warsaw4phd.eu](http://warsaw4phd.eu)

start naboru **21 grudnia 2021** – deadline **4 stycznia 2022**

### Projekty:

- (1) Ultra-cold atomic gases in optical lattices (theory)  
*Emilia Witkowska*
- (2) Study of the effect of the nanostructured periodic nanomagnet lattices on magnon-phonon coupling (experiment, 2 positions)  
*Vinayak Bhat / Tomasz Dietl*
- (3) Topological aspects of superconductivity and ferromagnetism in group IV chalcogenides – an experimental approach (experiment)  
*Maciej Sawicki*
- (4) Properties and interactions of group IV-VI semiconductor multiferroics (experiment)  
*Łukasz Kilański / Beata Brodowska*
- (5) Rocksalt (MgZn)O alloys and (MgZn)O/MgO quantum structure & their application in deep-ultraviolet light-emitters (experiment)  
*Henryk Teisseyre*
- (6) MBE growth and characterization of oxide heterostructures for photovoltaic applications (experiment)  
*Ewa Przeździecka*
- (7) Synthesis and structural investigation of bundles of carbon nanotubes filled with magnetic halide phases (experiment)  
*Piotr Dłużewski*
- (8) Laser spectroscopy of diatomic molecules (experiment)  
*Włodzimierz Jastrzębski / Jacek Szczepkowski*
- (9) Impact of chemically and physically-induced structural phase transitions on optical properties of inorganic perovskites (experiment)  
*Andrzej Suchocki / Agata Kamińska*

**Zapraszamy serdecznie do nas!**