



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: #JOB15/2016

Job Description

Job Title: Assistant professor in condensed matter physics

Job Summary:

Low temperature investigations of structures based on dilute magnetic semiconductors and examination of their magnetic and transport properties.

Job Description:

Candidate will be responsible for physical properties measurements, mainly magnetic, of the dilute magnetic semiconductors. Magnetic measurements will be performed by scanning SQUID technique at low temperatures. Candidate is expected to install a new generation type of SQUID in existing dilution refrigerator. The scope of the work consist of all sample processing steps (like ion etching, insulating oxides deposition, structure preparation by e-beam and photolithography, metal deposition, making an electric contacts by a micro-wire bonder), magnetic and transport measurements, sample characterization.

Main research field: Physics

Sub Research Field: Solid state physics

Career Stage: Experienced researcher or 4-10 yrs (Post-Doc)

Research Profile ([details](#)): Recognised Researcher (R2)

Type of Contract: Temporary for two years.

Status: Full-time

Salary: Depends on qualifications

From 2500 to 3300 PLN per month (before taxes).

Contact

More information can be obtained from
prof. Maciej Sawicki (e-mail: mikes@ifpan.edu.pl).

Application details

Application deadline: September 9, 2016. Applications after deadline are not considered.

Required materials:

- Curriculum Vitae
- List of publications
- Experience in applications of electronolithography methods would be an asset
- Names and contact informations of 2 references familiar with candidate research

All materials should be submitted in electronic form to the address: jobs@ifpan.edu.pl with Job ID in the subject.