



# Institute of Physics of the Polish Academy of Sciences Scholarship for a PhD Student



**Job ID:** #JOB36/2017

## Job Description

**Job Title:** PhD student in condensed matter physics

**Job Summary:**

Studies of materials for down-conversion of solar radiation

**Job Description:**

Employment in the framework of the project financed by Polish National Science Center (OPUS 2015/17/B/ST5/01658), aimed at experimental studies of modification of solar spectrum by down-conversion for photovoltaic application with use of oxide materials doped with ytterbium. The project predicts manufacturing of materials for photovoltaic application and their characterization with use of optical spectroscopy, including high pressure spectroscopy with use of diamond anvil cells, X-ray diffraction, Raman scattering, and electron microscopy.

**Main research field:** Physics

**Sub Research Field:** Solid state physics

**Career Stage:** Early stage researcher or 0-4 yrs (Post-graduate)

**Research Profile** ([details](#)): First Stage Researcher (R1)

**Type of Contract:** Temporary for 20 months

**Status:** Full-time

**Salary:** Depends on qualifications

From 3000 to 3000 PLN per month (before taxes). \*untaxed scholarship

## Contact

More information can be obtained from prof. Andrzej Suchocki (e-mail: [suchy@ifpan.edu.pl](mailto:suchy@ifpan.edu.pl)).

## Application details

**Application deadline:** November 30, 2017. Applications after deadline are not considered.

**Required materials:**

- Curriculum Vitae
- List of publications

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