



**Job ID:** #JOB12/2018

## Job Description

**Job Title:** assistant professor (adiunkt) in condensed matter physics

**Job Summary:**

specialist in MBE growth of ZnO-based quantum structures and studies of their properties

**Job Description:**

The candidate will be responsible for scientific studies of quantum structures and heterojunctions in ON-4.7 research group: MBE growth processes and characterization of ZnO/ZnMgO and ZnO/ZnCdO quantum and junction structures. Since the characterization will be performed using various structural and optical methods, the candidate should have a well documented experience and knowledge about these methods and their application to oxide structures.

Requirements:

- 1) PhD degree in physics
- 2) At least 5 years of experience in MBE technology of oxides (ZnO based) documented by publications and conference presentations
- 3) Knowledge of optical and structural characterization methods
- 4) Effective team-working
- 5) Fluency in English language

**Main research field:** Physics

**Sub Research Field:** Solid State Physics

**Career Stage:** Experienced researcher

**Research Profile** ([details](#)): Recognized researcher (R2)

**Type of Contract:** open-ended contract

**Status:** full-time

**Salary:** Depends on qualifications

From            to            PLN per month (before taxes).

## Contact

More information can be obtained from prof. dr hab. Adrian Kozanecki (e-mail: [kozana@ifpan.edu.pl](mailto:kozana@ifpan.edu.pl)).

## Application details

**Application deadline:** 15 March 2018. (Applications submitted after that date will not be considered)

**Required materials:**

- Curriculum Vitae
- List of publications
- Recommendation letters from 2 scientists certifying candidate's expertise

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.