



European
Funds
Smart Growth

European Union
European Regional
Development Fund



Foundation for Polish Science



RESEARCHERS IN MOTION

OPEN POSITIONS – EXPERT IN MBE GROWTH OF TOPOLOGICAL MATTER

Research Foundation MagTop - International Centre for Interfacing Magnetism and Superconductivity with Topological Matter

Job details:

Employer: [International Research Centre MagTop](#)

Location: Warsaw, Poland (aleja Lotników 32/46, PL-02668 Warszawa)

Job type: Doctor with advanced research and development experience (R2/R3)

Job hours: Full-time

Key responsibilities include:

- Conducting research and development of technologies of topological matter in the context of nanofabrication, work will involve MBE growth, lithography etc.
- Work in a cleanroom environment and adhere to good manufacturing practices
- Perform other duties as assigned

Qualifications:

- Ph.D degree in physics, engineering, or materials science with at least 10 years of experience with MBE growth, self-assembled nanostructures, thin film heterostructures, multilayers, nanowires and quantum dots
- A proven ability for outstanding research and team work, which are reflected in applicant's publications
- experience with transmission electron microscopy, x-ray diffraction, angle resolved photoemission spectroscopy.
- Ability to work collaboratively with a wide variety of personnel at multiple levels of expertise.
- Experience in microfabrication and characterization in a cleanroom environment
- Proficiency in spoken and written English (knowledge of Polish is not required)

Teaching: Not compulsory, although teaching possibilities exist at the International PhD Studies (Graduate School) and during outreach activities; supervision of MSc students

Employment type: Contract for 2 years with a possibility of prolongations for next 3 years

Salary: 15 000 PLN per month (3 500€ per month), less than 24% in employee taxes and social security contributions

Application documents and deadline:

- Detailed CV (up to 3 pages)
- Full list of publications
- Cover/motivation letter, please mention earliest possible starting date (1 page)
- Contact details to two references

Please submit all documents and queries to: open_positions@MagTop.ifpan.edu.pl

Application deadline: August 31, 2017.