

OFFER of a Ph-D STUDENT POSITION

Name of the Institution: Department of Mathematics, Physics and Computer Science, University of Marie Curie-Skłodowska in Lublin, Poland

Position: Ph-D student, holder of a scholarship

Requirements:

- Candidates are expected to hold the Master Diploma (or equivalent) in the domain of physics, specialty in theoretical nuclear physics;
- A candidate is expected to be an author or co-author of at least one publication in refereed journals;
- Practical knowledge of English is required;
- Candidates should be interested in research work;
- Candidates should be interested in computer programming.

A successful candidate will receive a scholarship under the condition that she/he will be accepted as a PhD student in the Institute of Physics of the UMCS, September 2017, according to the foreseen administrative procedures.

Description of tasks:

Successful candidate will take part in the research project entitled „New approaches to the theoretical determination of stability of exotic atomic nuclei with estimates of the modelling uncertainties” - financed within OPUS 11 scheme. The candidate will participate in the numerical calculations of the potential nuclear energies and simulations of the uncertainties of the modelling. She/he will take part in the analysis of the effects of quantum symmetries in terms of the electromagnetic transition probabilities, selection rules and possible transition retardation. Participation in an analysis and interpretation of the obtained theoretical results, contributing to the scientific publications and presenting the results of the ongoing research on the national and international research conferences are integral parts of the project.

Type of the NCN project: OPUS 11

Deadline for depositing the candidature: 15 July 2017, 15:00

Form of depositing the candidature

electronic transfer:

e-mail: teorsek@poczta.umcs.lublin.pl

or on postal address:

Katedra Fizyki Teoretycznej

Instytut Fizyki UMCS

ul. Radziszewskiego 10

PL 20-031 Lublin

Scholarship and the place of attachment:

- Place of attachment: Department of Mathematics, Physics and Computer Science; University of Marie Curie-Skłodowska in Lublin, Poland,.
- Scholarship 3000 PLN netto/per month, during 30 months.
- Expected beginning of the PhD program: October 1, 2017.

Additional Information:

- Required documents:
 - CV and list of scientific achievements (publications, rewards, prizes)
 - Motivation letter containing brief information about the scientific interests and motivations (1 page A4, max.),
 - Recommendation letter from the scientific supervisor.

• Specific, more detailed information, can be obtained from the Project Supervisor: Prof. Dr. hab. Jerzy DUDEK (e-mail: jerzy.dudek@poczta.umcs.lublin.pl or jerzy.dudek@iphc.cnrs.fr)

Date of the announcement: 29.05.2017r.