



Lublin, May 30th, 2019.

MARIA CURIE SKŁODOWSKA UNIVERSITY in LUBLIN, POLAND

call for position of assistant professor in the research group NUCLEAR THEORY.

Maria Curie Skłodowska University invites applications for an assistant professor (adjunct) Position in the “NUCLEAR THEORY” group. The candidates who meet the conditions stated in the act “Ustawa Prawo o szkolnictwie wyższym i nauce” dated 20 July 2018 (Dz.U. 2018 poz. 1668), art 116. ust 3 for the position of assistant professor (adjunct) are encouraged to apply for the position.

I. The Candidate will participate in research conducted in the ‘NUCLEAR THEORY’ group. The main focus of the Candidate’s research will be determining mechanisms of nuclear low energy fission. In particular he/she will perform multidimensional calculations of the potential energy surfaces (PES) and inertia and friction tensors within the macroscopic-microscopic model using the Fourier shape parametrization of fissioning nuclei. Study of the effect of temperature and angular momentum on the PES of compound fissioning nuclei and their fission fragment mass and kinetic energy distributions. The project will be realized in collaboration with the Tsinghua University and the China Institute of Atomic Energy in Beijing in frame of the SHENG-1 program of the Polish Science Centre and China National Natural Science Foundation.

II. Conditions to be fulfilled by the Candidate:

1. PhD degree in physics or related fields,
2. The candidate for the Post-Doc position should already have: some experience in the theoretical or/and experimental physics researches, good knowledge of quantum mechanics, basic knowledge in the computer programming,
3. Printed or accepted for publications articles in well known scientific journals,
4. He/she should be able to communicate in English.

III. The Candidate have to submit the following documents:

1. An application,
2. A copy of scientific degree certificate,
3. Full scientific CV,
4. List of scientific publications,
5. At least one opinion on the Candidate given by an independent researcher.,
6. The Candidate’s own report on his/her scientific interests and research aims (one page).
7. Please include in your application one page with the following phrase: "In accordance with Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 (Journal of Laws of the EU L 119/1 of 4 May 2016) I agree to the processing of personal data other than those indicated in Article 221 of the Labour Code (name(s) and surname; parents' names; date of birth; place of residence; address for correspondence; education; previous employment), included in my job offer for the purpose of current recruitment."

IV. Within the competition proceedings the Candidate may be invited for an interview (personally or by an internet communicator, e.g. Skype or WeChat). The date of the interview will be communicated to the candidates individually.

V. Applications should be sent in the electronic form to: michal.warda@umcs.pl, with the message subject “assistant professor – NUCLEAR THEORY- ”

VI. The time limit for handing in the documents expires on June 30th 2019, at 23.59 o’clock CET. The competition will be finally settled by the end of July 2019. The Candidates will be notified of the result.

VII. The successful Candidate will be employed in accordance with the provisions of the Labour Code for 24 month. The start of employment on October 1st, 2019 is expected, but at the request of the selected Candidate it may be shifted by a few months. The anticipated gross monthly salary is PLN 10,000 .

VIII. The University may only provide a room in a student house.