Open PostDoc Position in the field of Satellite Geodesy

The Institute of Geodesy and Geoinformatics (IGG UPWr) announces an open PostDoc position that will be funded by the Polish National Science Center in the framework of the project “Integrated terrestrial reference frames based on SLR measurements to geodetic, active LEO, and GNSS satellites” (project number: 2019/35/B/ST10/00515).

Main tasks:

- Combination of Lunar Laser Ranging (LLR) and Satellite Laser Ranging (SLR) for deriving Earth Rotation Parameters
- Analysis of systematic effects in SLR and LLR observations with a focus on range biases, signature effects, and atmospheric refraction
- Comparison of parameters based on GNSS, VLBI, SLR, and LLR analysis
- Publishing scientific papers and presentation of results at scientific conferences
- Assist in education of master and Ph.D. students

Requirements:

- Ph.D. University degree in geodesy, informatics, physics, mathematics, aerospace engineering, or a similar discipline acquired between October 2013 and October 2020. (the Ph.D. degree must be obtained outside the host institution that is outside the Wroclaw University of Environmental and Life Sciences)
- Proficiency in programming (e.g., in C++, Perl, Fortran, Python)
- Experience in the time series analysis of geodetic parameters, e.g., Earth rotation parameters, station coordinates, troposphere delays and/or SLR or LLR data processing
- Excellent record of scientific achievements, including publications as the first author in high-level journals, such as Journal of Geodesy, GPS Solutions, Journal of Geophysical Research, Geophysical Research Letters, or similar
- Proficiency in English (oral and written)
- Capability to work independently and timely, enjoying to participate actively in meetings of international teams and to present complex research matter concisely and appealingly (oral and written).
Required documents:

- Application with the motivation letter
- CV
- list of publications (track record)
- copy of the doctoral degree (Ph.D. diploma)

Application deadline: October 15, 2020

Salary: 10000,00 PLN per month (gross), which is equal to about 2270,00 EUR per month (gross)

Contract: 24 months

Contact: Univ. Prof. Dr. Krzysztof Sośnica, e-mail: krzysztof.sosnica@upwr.edu.pl

We offer working opportunities in the inspiring, young, international team of the SPace And Close Earth Observation Sciences (SpaceOS) Working Group (see http://www.igig.up.wroc.pl/igg/). More information about the project can be found at the website: https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2019-09-16/streszczenia/463943-en.pdf

Applications and the selection procedure will follow the regulations from Annex to NCN Council Resolution No 90/2019 of 12 September 2019 amending the Regulations on awarding funding for research tasks funded by the National Science Centre as regards research projects: https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2019/uchwala90_2019-zal1_ang.pdf

The Wroclaw University of Environmental and Life Sciences is an equal opportunity employer. Applications from women for the PostDoc position will be strongly encouraged.

Univ. Prof. Dr. Krzysztof Sośnica