The Nuclear Physics Institute of the CAS, v. v. i., announces a selection procedure for the position

Key foreign researcher at the Research Centre of Cosmic Rays and Radiation Events in the Atmosphere (CRREAT).

The CRREAT team performs measurements of the atmospheric radiation and ionization events using satellites, aircraft, unmanned aerial vehicles, monitoring cars, and ground stations. The CRREAT project (www.crreat.eu) shall contribute to the improvement of space weather models, air transport safety, and global navigation systems reliability.

Objectives of the project CRREAT are to deepen the knowledge about the relation between atmospheric phenomena and ionizing radiation, and to clarify phenomena causing variations of the secondary cosmic particles (SCP) in the atmosphere.

Job description:

• Management of scientific activities of the whole team consisting of 15 researchers from three institutions: NPI of the CAS, Institute of Atmospheric Physics (IAP) of the CAS, Faculty of Electrical Engineering of the Czech Technical University in Prague (FEE CTU)
• Participation in the team’s scientific activities, in the preparation of scientific papers, articles and their publication, presentations of results at conferences, preparation of grant proposals (applications), assistance in supervision work of undergraduate and graduate students

Requirements:

• University education in physics or applied mathematics or related fields
• Work in a foreign scientific and research (R&D) institution within five years (2009-2013), where the employee carried out independent active research for at least 36 consecutive calendar months
• A person well recognized in his/her field at the international level, meeting the requirements for level R3 or R4 (Established Researcher / Leading Researcher), i.e.:
  ◦ Rich history of publishing
  ◦ Managerial qualities
  ◦ Demonstrable success in obtaining grants in international R&D programs
  ◦ Other R&D experience standardly required for senior researchers in prestigious foreign R&D workplaces

We offer:

• Full-time employment (in case of the applicant’s interest even shorter, but at least 0.5 FTE) until October 31, 2022 (with the possibility of extending), fully implemented at the CRREAT project workplace
• 5 weeks of vacation, flexible/reduced working hours, lunch vouchers, support of leisure activities

Max. monthly gross salary for full-time employment: **CZK 84,000**

Expected date of commencement: as soon as possible, no later than June 2021

Contact:
Ondrej Ploc (ploc@ujf.cas.cz) and Josef Šalamon (salamon@ujf.cas.cz). The workplace is located in Prague 8, Czech Republic, at the Department of Radiation Dosimetry, Nuclear Physics Institute of the CAS v. v. i.