Postdoc position in Budapest

The NAPLIFE (Nanoplasmonic Laser Induced Fusion Experiment) research laboratory (https://wigner.hu/naplife/en) at the HUN-REN Wigner Research Centre for Physics (Konkoly-Thege M. str. 29-33, H-1121 Budapest, Hungary) announces the opening of the following full-time postdoc position starting in 2024:

Characterization of samples doped with plasmonic nanoparticles and irradiated with femtosecond pulsed lasers by using vibrational spectroscopy and other material characterization techniques.

**Required Qualification and Skills**

- PhD in physics, chemistry, material science or related disciplines
- Experience in optical spectroscopy, material characterization, lasers, polymer technology
- Strong self-motivation and the ability to solve problems independently
- Good command of the English language

The successful candidate will join the sample characterization (spectroscopy) group of the NAPLIFE research laboratory. His/her tasks will include optical and other experimental research with Raman spectroscopy and other methods to search for very low quantities of reaction products in samples, before and after irradiation.

Our offer:

- Competitive salary in the range of 600.000 – 650.000 HUF/month for researchers with PhD, depending on qualification and experience
- Work in modern laboratories located in Budapest and Szeged
- Interdisciplinary research with high professional development potential
- Collaboration with theoretical and experimental research groups
- Optimal and flexible working schedule in a scenic environment on the hill Csillebérc
The contract is initially for the period **January 1, 2024 – December 31, 2024** with a possibility of prolongation depending on the financial support for the NAPLIFE project. This project ends in February 2026.

The considerable candidates must provide the following information until **12:00 CET, November 30, 2023**, to the following e-mail addresses: **allas@wigner.hun-ren.hu**

- A cover letter declaring the candidate’s interest in the position
- A concise CV, clearly displaying the career milestones of the candidate
- A link to scientometric data of the candidate (google scholar preferred)
- Information about their electronic availability (e-mail, skype, phone, etc.)
- PDF copies of letters of reference, if any

We contact selected candidates for a possible interview in the period of **December 1-15, 2023**.