

The Institute of Geonics of the Czech Academy of Sciences in Ostrava is recruiting highly motivated scientist on **PhD student / postdoctoral position** in **Fluids Mechanics and Fluid Engineering**.

Position requirements:

- Master degree in technology or natural sciences,
- PhD degree (with up to 2 years from PhD), or PhD degree completed by 2023 at the latest,
- Knowledge in CFD simulation (Fluent, Open Foam, etc.) and programming languages (Matlab, C++, Python, etc.),
- Experience with independent work on scientific topics and international projects of fundamental and applied research,
- Motivation to take new initiatives, enthusiasm for science and interest in further training,
- Publication activities,
- Great level of English.

Responsibilities:

- Study and analysis of high-speed water flows,
- Design of high-pressure elements and systems,
- Numerical multiphase fluid modelling and simulation.

We offer:

- Stable employment in a renowned scientific institution,
- Working in creative and friendly academic environment,
- Career development and further training opportunities,
- Participation in projects of fundamental and applied research,
- Participation at international scientific conferences and internships,
- Five weeks holiday + 3 sick days,
- Flexible working hours,
- Catering allowance.

Expected Appointment Start Date: negotiable

Required Documents:

- Professional CV,
- List of scientific publications,
- Motivation letter,
- Recommendation letter from PhD supervisor

to be sent by the applicant to the email address podatelna@ugn.cas.cz (**KONKURZ-ODM22/1** in the subject line) or to the postal address below (with **KONKURZ-ODM22/1** on the envelope) by **July 15, 2022**.

Postal address:

Institute of Geonics of the CAS

Studentská 1768

708 00 Ostrava-Poruba

Czech Republic

For further information, please, contact Dr. Libor Sitek: libor.sitek@ugn.cas.cz.