

Open position for Post-doc
in project entitled "Health monitoring of additively manufactured structures"
project OPUS no. 2019/35/B/ST8/00691

Main requirements:

1. PhD degree in mechanical engineering, material science, physics or related fields.
2. The PhD degree should be granted by other institution than the Institute of Fluid-Flow Machinery, Polish Academy of Sciences
3. The PhD degree should have been obtained not earlier than 7 years before the year of application.
4. Good knowledge of written and spoken English.
5. High motivation for scientific work and a strong commitment to research work.
6. Experience in research related to the project topic (structural health monitoring, non-destructive evaluation) and methods (elastic waves propagation and/or electromechanical impedance).
7. Experienced user of MATLAB.

What we offer:

1. Fulltime employment.
2. Employment for 16 months.
3. Salary: 9700 PLN gross (before taxes).
4. Employment in one of the best institutes in Poland for research in mechanical engineering field (A+ grade in national assessment).
5. Employment in international research team.

Description of tasks:

1. Numerical and experimental investigations.
2. Investigations employing elastic waves, electromechanical impedance and other techniques.
3. Analysis of experimental and numerical data.
4. Preparation of reports.
5. Analysis of results and preparation of publications in scientific journals, conference proceedings, etc.
6. Collaboration with other team members.
7. Communication and discussion of results within the research team.

Additional information:

1. The submission deadline is 31th of December 2023, 23:59 (Poland time)
2. The results will be announced by 31st of January 2024.
3. There are no additional funds for the relocation costs, including visa issues, relocation of family, etc.

Application procedure:

1. Application in English should be sent by e-mail to pmalinowski@imp.gda.pl with a subject "Post-doc in OPUS project".
2. Candidates interested in applying for the positions should submit the following documents:
 - Cover letter
 - CV / scientific resume
 - copy of the PhD diploma or other proof of holding the PhD degree.
 - the list of scientific achievements (publications, participation in research projects, participation in conferences, scholarships awards, scientific stays, etc.)
 - optional: letter(s) of recommendation of researcher directly cooperating with the candidate.
3. Please, attach the requested documents in the PDF format.
4. During the recruitment process the selected candidates may be invited for an interview (in person or via internet).
5. The result of the recruitment procedure will be sent to the candidates via email.
6. Please include in the application the following statement:
"I hereby authorize to process my personal data included in my application for the needs of the recruitment process (in accordance with the Act of 08.20.1997 r. on personal data protection - Dz. U. No 133, item 883)".

For additional information please contact:

Dr Paweł Malinowski (project leader), e-mail: pmalinowski@imp.gda.pl