

The project has received funding from Norway Grants 2014-2021

ANNOUNCEMENT

The Faculty of Mechanical Engineering at Silesian University of Technology, Gliwice, Poland announces the competition for the position academic teacher in the group of research within the project „Innovative quenching and partitioning medium-manganese steels – novel technological concepts for ultra-high strength and ductile automotive sheets and plates”, project number NOR/SGS/INNOQPTECHNOL/0177/2020-00.

Job description:

- 1) the competition for the position of researcher is open to persons who meet the requirements specified in the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2021, item 478, as amended) and the Statute of the Silesian University of Technology of 3 June, 2019 (Legal Monitor of SUT of 2020, item 339 as amended),
- 2) estimated work commencement date: 1.01.2023,
- 3) workplace and type of contract: full-time, (WP3), 6 months,
- 4) period of employment: from 01.01.2023 to 30.06.2023,
- 5) implementation of tasks under the NCBiR „Innovative quenching and partitioning medium-manganese steels – novel technological concepts for ultra-high strength and ductile automotive sheets and plates” (INNOQPTECHNOL).

Tasks (description of tasks in points):

- 1) Execution of continuous compression tests to determine flow curves at various temperatures and strain rates.
- 2) Execution of two-stage compression tests to determine the kinetics of austenite recrystallization.
- 3) Physical simulation of thermo-mechanical processing using the Gleeble simulator.
- 4) Execution and analysis of the research results.

Requirements:

- 1) Status of PhD student in the discipline of Materials Engineering.
- 2) Fluency in English confirmed by publications in this language - printout from the Web of Science database.
- 3) Fluency in Polish (in speech and writing) confirmed by publications and conference presentations in this language.

- 4) Experience in conducting research on using the Gleeble simulator, confirmed by the authorship or co-authorship of at least 1 publication in a journal included in the list of scientific journals and reviewed materials from scientific conferences published by MEiN.
- 5) Authorship or co-authorship of at least 3 publications on AHSS (Advanced High Strength Steels) included in the list of scientific journals and reviewed materials from scientific conferences published by MEiN, with the Impact Factor (IF). Authorship/co-authorship should be confirmed with a printout from the Web of Science database.
- 6) Experience in the implementation of research projects financed by the National Center for Research (NCBiR) and Development or the National Science Center (NCN) as a contractor or scholar.

Additional requirements:

- 1) Knowledge in the field of heat and thermo-mechanical treatment of AHSS (Advanced High Strength Steels).
- 2) Knowledge of phase transformation kinetics in steels.
- 3) Ability to work independently and in a research team.

Required documents:

- 1) Application of a candidate about employment.
- 2) Certificate confirming the status of a PhD student in the discipline of Materials Engineering.
- 3) Personal questionnaire.
- 4) Candidate's CV.
- 5) Other documents that confirm the listed above skills and experience of candidate in the form of printout from the Web of Science database.
- 6) Statement on active knowledge of the modern foreign language.

The University offers (in points):

- 1) Involvement in the project no „Innovative quenching and partitioning medium-manganese steels – novel technological concepts for ultra-high strength and ductile automotive sheets and plates” (INNOQPTECHNOL) NOR/SGS/INNOQPTECHNOL/0177/2020-00.
- 2) Bonuses for publishing research papers in high-rank journals.

Prospects for professional development (short description in points):

- 1) Work in the area of modern technologies.
- 2) Increasing the scientific achievements.

The application must be submitted:

- Application Documents, in electronic form (all of the documents combined together in a single pdf file) should be sent by e-mail to the principle investigator (PI) of the project, dr. Aleksandra Kozłowska, email: aleksandra.kozlowska@polsl.pl until 23.11.2022.
- until the day 23.11.2022,
- the expected date of the competition results: within 7 days after deadline of announcement.

Incomplete or late offers will not be considered. Please be informed that we will contact only the candidates who meet formal requirements.

Information clause

Pursuant to Art. 13 of the Personal Data Protection Regulation of 27 April 2016, please be informed:

- 1) the controller of your personal data is the Silesian University of Technology with its registered office at Akademicka 2A St, 44-100 Gliwice,
- 2) the Silesian University of Technology has appointed the Data Protection Officer who can be contacted via the email address: iod@polsl.pl,
- 3) your personal data will be processed in order to carry out the recruitment process for work at the Silesian University of Technology,

- 4) the basis for the processing of your personal data is Art. 22¹ of the Labour Code and, if you consent to the use of your CV for future recruitment at the Silesian University of Technology, art. 6 section 1 point a of the GDPR regulation shall apply,
- 5) only employees authorized to process personal data to the necessary extent will have access to your personal data within the organizational structure of the Silesian University of Technology,
- 6) your personal data shall not be disclosed to other entities, except in cases provided for by law,
- 7) your personal data shall be stored for the period necessary to carry out the recruitment process or for the next 9 months after the end of the recruitment process, if you consent to the processing of personal data in future recruitment processes,
- 8) you have the right to request access to your data and, to the extent provided for by applicable regulations, the right to: rectify, delete, limit processing, raise objections; if you consent to the processing of data, you have the right to withdraw your consent at any time,
- 9) you have the right to lodge a complaint with the President of the Personal Data Protection Office, if you feel that the processing of your personal data violates the provisions of the General Data Protection Regulation,
- 10) providing data is voluntary, but necessary to achieve the purposes for which they are collected.

principle investigator (PI) of the project

Aleksandra Krowczyńska

Gliwice, 9.11.2022