

FORM FOR EMPLOYERS

INSTITUTION: AGH University of Krakow

DEPARTMENT: Energy and Fuels, Department of Sustainable Energy Development

CITY: Kraków

POSITION: Assistant in a group of research and teaching staff

POSTED: 19.07.2024

EXPIRES:: 30.08.2024

WEBSITE: www.agh.edu.pl/o-agh/praca-w-agh

KEY WORDS: system analysis, optimization, modeling, energy system

DESCRIPTION (subject, expectations, comments, requirements)

The competition is related to the implementation of research tasks in the field of:

- Modeling the development of fuel and energy systems
- Analysis of trends in the fuel and energy sector
- Energy forecasts and scenarios
- Operational planning in the energy sector
- Geospatial analyses in the energy industry

The candidate should have a master's degree in Energy Engineering, Chemical Technology or Renewable Energy and Energy Management. The candidate should have a predisposition for scientific research and teaching work and confirmed active participation in the student scientific movement or a proven record of scientific achievement resulting from higher education studies, studies at a doctoral school, doctoral studies or professional work with the restriction of Article 209(10) of the Law on Higher Education. The candidate should have an advanced knowledge of the TIMES model generator (IEA-ETSAP), demonstrated by completed research/project work and a working knowledge of the GAMS programming language. The candidate should have a working knowledge of databases using SQL (e.g. MySQL, PostgreSQL) and a working knowledge of processing large data sets using popular scripting languages (Python preferred). The candidate should have advanced knowledge of MS Office (Word, Excel) including VBA language and a certificate of pedagogical training.

Proven knowledge of English, at least at B-2 level, as defined by the Council of Europe's Common European Framework of Reference for Languages, is required. Proficiency in Polish is required (candidates who are not Polish citizens should attach a certificate of proficiency in Polish of at least C-1 level).

Requirements:

- 1) Completed master's degree in the field of Energy, Chemical Technology or Renewable Energy and Energy Management,
- 2) predisposition for scientific and teaching work,
- 3) confirmed active participation in the student scientific group or possession of documented scientific achievements resulting from higher education, doctoral school studies, doctoral studies, or professional work, with limitations resulting from Article 209, Paragraph 10 of the Law on Higher Education,
- 4) documented knowledge of English at least at level B-2, according to the Common European Framework of Reference for Languages of the Council of Europe,
- 5) advanced knowledge of the TIMES model generator (IEA-ETSAP), confirmed by completed research/project work,
- 6) practical knowledge of the GAMS programming language,
- 7) practical knowledge of databases using SQL (e.g., MySQL, PostgreSQL),
- 8) practical ability to process large datasets using popular scripting languages (preferred Python),
- 9) practical knowledge of GIS software (preferred QGIS),
- 10) advanced knowledge of MS Office (Word, Excel) along with VBA,
- 11) certificate of completed pedagogical training,
- 12) proficiency in the Polish language (non-Polish citizens should attach a certificate of Polish language proficiency at least at level C-1),
- 13) impeccable ethical conduct (in accordance with <https://www.agh.edu.pl/o-agh/dokumenty/inne/kodeks-etyczny-agh>).

REQUIRED DOCUMENTS:

- 1) An application, a resume, a personal questionnaire,
- 2) copies of diplomas and other certificates confirming qualifications,

- 3) proof of knowledge of the English language at least B-2,
- 4) information about academic achievements or active participation in the student research group and teaching activities,
- 5) Candidates who are not Polish citizens - a document certifying knowledge of the Polish language at least at C-1 level.

PLACE OF APPLICATION:

The documents should be submitted electronically to the following address: konkursy-weip@agh.edu.pl, with a note KZRE_Assistant, or to the Secretariat of the Office of the Dean of the AGH Faculty of Energy and Fuels, al. Mickiewicza 30, 30-059 Kraków, Poland paw. D-4, I p., pok. 119, tel. 12 617 20 66.

The AGH University will be the candidate's main place of employment.

The AGH University of Krakow does not require you to provide any information or data other than those resulting from the applicable law (name/names, surname, date of birth, contact details, education, professional qualifications, and employment history). However, if you choose to include your photograph or any other information, please fill in and attach this statement of consent to the processing of personal data, which constitutes an attachment to this information.

The controller of your personal data processed in order to carry out the recruitment process for the above-mentioned position is the AGH University of Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read all information concerning the processing of your personal data on the website of the AGH University of Krakow after going to the "Personal data protection" tab (<https://www.agh.edu.pl/en/personal-data-protection>).

The University reserves the right not to settle the competition without providing any reason or justification. Winning the competition is not tantamount to ensuring the candidate's employment. The result of the competition serves solely as a recommendation to the Rector in this regard. The final decision concerning the employment will be made by the Rector.

Cracow, on

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name and surname

CONSENT TO PERSONAL DATA PROCESSING
(recruitment - employee)

Pursuant to Article 6(1)(a) of the Regulation (EU) 2016/679 of the European Parliament and of the Council of April 27, 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation), [OJ EU. L. 2016.119.1, May 4, 2016] hereinafter referred to as "GDPR", **I consent to the processing of my personal data other** than the data mentioned in Article 22¹ § 1 of the Labour Code and contained in my CV and other application documents, and to the reproduction of my physical likeness **for the purposes of recruitment and selection for the position of** (contest notice no.).

In addition, I declare that the request for consent has been presented in a clear and understandable manner and that I have been informed about a possibility of withdrawing my consent at any time as well as about consent accountability. The withdrawal of consent to have personal data processed shall not affect the legality of the processing, which is carried out on the basis of such consent prior to its withdrawal; The consent may be withdrawn by submitting a written representation on consent withdrawal at a place that was indicated in the contest notice as the place for submitting documents.

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Date and signature