

## **FORM FOR EMPLOYERS**

INSTITUTION: **AGH University of Science and Technology,  
Faculty of Energy, and Fuels, Department of Thermal Machinery and Flow**

CITY: **Krakow**

POSITION: **Lecturer**

DISCIPLINE: Power engineering or construction and operation of machines

POSTED: **8.05.2018r.**

EXPIRES: **08.06.2018**

WEBSITE: [www.uci.agh.edu.pl/konkursy](http://www.uci.agh.edu.pl/konkursy)

KEY WORDS: power industry, thermal-flow devices, cogeneration, designing,  
heat pumps

DESCRIPTION (field, expectations, comments):

- Scientific title: the degree of the "doctor" (PhD) in technical sciences – in the field of construction and operation of machines, or energy
- Significant scientific achievements in the field of thermal technology, expressed:
  - publications
  - presentations at scientific conferences
  - participation in projects,
- Knowledge of issues related to the design and operation of thermal and flow machines and devices,
- Knowledge of numerical tools and methods to support the design and optimization of thermal and flow machines and devices,
- Knowledge of issues in the field of cogeneration devices and systems based on SmartGrid,
- Ability to conduct experimental work,
- Passion for research and teaching work, openness to new tasks, candidates with participation in research projects will be preferred
- documented scientific achievements (co-autorship of paper(s), conference participation) in the area of semiconductor material nanotechnology,
- experience in laboratory work concerned with synthesis of nanopowder materials including anaerobic conditions as well as knowledge of basic methods of instrumental analysis,
- educational and teaching experience that includes working with university students,
- documented command of English at least at the B2 level,
- positive job references by current supervisor,
- exemplary ethical attitude (in accordance with [www.agh.edu.pl-Dokumenty-„Kodeks Etyczny”](http://www.agh.edu.pl-Dokumenty-„Kodeks Etyczny”)).