

FORM FOR EMPLOYERS

INSTITUTION: AGH University of Science and Technology

CITY: Krakow

POSITION: Assistant professor

DISCIPLINE: Mechanics

POSTED:

EXPIRES:

WEBSITE: www.agh.edu.pl

KEY WORDS: Thermodynamics, heat exchange, numerical FEM analysis

DESCRIPTION (field, expectations, comments):

- PhD in technical science or experimental physics
- ability to conduct research and scientific work in the field of heat exchange and thermodynamics, documented by publications in scientific journals and the materials of important scientific conferences,
- the knowledge of the principles of the finite element method and a practical skills with program ANSYS
- the ability to model thermal interactions between a solid body and a fluid (liquid and gas) in the ANSYS environment, with an aim to perform calculations necessary to assess the efficiency of advanced cooling systems,
- the ability to perform interdisciplinary studies and readiness to cooperate in an international team
- ability to present the results during meetings abroad and video conferences, as well as to write reports in English
- scientific achievements
- fellowships
- the knowledge of the English language at least at the level B2 (according to ESKOJ classification)