

Zrób dyplom z Heat-Tech Center

III Edycja Programu - luty 2015

Heat-Tech Center is a research and development centre with 50 years of experience in solving problems occurring in heating systems. It supports the VEOLIA Group in selecting technology and hardware, as well as in testing new solutions. Heat-Tech Center carries out projects pertaining to increasing energy efficiency in municipal and industrial systems that complement the scope of activities of Veolia Research & Innovation.

DISSERTATION OFFER

Subject 5: District Heating load forecasting

DESCRIPTION OF THE DISSERTATION

Load forecasting (few hours ahead) for district heating is a crucial tool in order to improve and optimize the operation of district heating system from energy, environmental and economic efficiency point of view.

The diploma thesis will consist mainly in:

- Improvement and tuning of a heat load forecast model ,
- Implementation of this model on a real industrial site through HTC IT platform ,
- Define performance indicators to monitor accuracy of model in comparison with real operation of the district heating,
- Start the return of experience after first months of implementation.

REQUIREMENTS FOR CANDIDATES

- Graduate student Master level, skills in energetics and strong ability and desire to work with IT tools
- The candidate must be fluent in English.
- Desired personality traits: creativity, ability to work in a team.

TERMS AND CONDITIONS

- Candidates are qualified on the basis of their CV and an interview.
- The dissertation work will be supervised by: a technical supervisor delegated by Heat-Tech Center and a scientific supervisor delegated by the University.
- The dissertation must be written in English.

ADDITIONAL INFORMATION

- Place of conducting the research: Heat-Tech Center in Warsaw, integrated in a project team with strong coordination with Veolia Research and Innovation in France
- Duration: 1 semester
- Starting date: April 2015
- Remuneration for the dissertation: **YES**

CONTACT

Interested persons are asked to contact us at: andrzej.gorczyca@veolia.com