

FORM FOR EMPLOYERS

INSTITUTION AGH University of Science and Technology

CITY Krakow

POSITION postdoc

DISCIPLINE energy engineering

POSTED:

EXPIRES 10 May 2017 (1 year with possibility to extend up to 2.5 years)

WEBSITE www.uci.agh.edu.pl/konkursy

KEY WORDS

Solid Oxide Fuel Cells, stack design, stack construction, system control, dynamic analysis of SOFC

DESCRIPTION (field, expectations, comments):

Project title: Easy-to-Assemble Stack Type (EAST): Development of solid oxide fuel cell stack for the innovation in polish energy sector

Project description:

The objective of the proposed project is to design and manufacture a prototype of a new type solid oxide fuel cell stack. The design takes into account a newest development in heat transfer management and the microstructure oriented cell design.

Key responsibilities include:

1. Dynamic simulation of SOFC stack;
2. Development of SOFC stack's control system;
3. Connecting cells in to the stack (sealing, drivers, controllers etc.);
4. Experimental tests of SOFC stack;



European Union
European Regional
Development Fund

