

PhD Researcher in the NWO project

'Self-organising marketplace to realise a self-organised sustainable power system (AGILE)'

(see also <https://www.utwente.nl/en/organization/careers/vacancy/!/414850/phd-position-mathematics-in-decentralized-energy-management>)

The Operations Research group of the Department of Applied Mathematics at the University of Twente has a vacancy for a full-time PhD position in the AGILE project. This project has as goal to design self-organising market mechanisms and corresponding distributed software to enable a smart and sustainable energy system.

The candidate of this vacancy will focus on mathematical aspects. In particular, the candidate will work in the general area of stochastic off-line planning and scheduling, on-line dispatching, self-configuration and self-optimisation and will contribute as one of two PhDs to AGILE project, which is a collaboration of University of Twente, Eindhoven University of Technology, and industry partners.

Besides a strong Operations Research and Mathematic background an affinity with engineering and applications would be appreciated. A strong background in power systems engineering is not essential – the other PhD student in the project will focus on those aspects.

Organization

The PhD candidate will be employed at the chair Discrete Mathematics and Mathematical Programming at the University of Twente (see www.utwente.nl/eemcs/dmmp/ and www.utwente.nl/eemcs/energy/ for the energy management related research) but the project is carried out in cooperation with the Stochastics and Power systems engineering groups at Eindhoven University of Technology.

Contact

Please apply before November 1, 2018 via the webpage

<https://www.utwente.nl/en/organization/careers/vacancy/!/414850/phd-position-mathematics-in-decentralized-energy-management>

For more information about this position and the project, please contact:

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Bert Zwart (bertz@cwi.nl).