

POST DOCTORAL RESEARCH POSITION

The Center for Operations Research and Econometrics at the Université catholique de Louvain has multiple vacancies for post-doctoral researcher positions. Research topics will focus on the application of operations research in power system operations and electricity market analysis, with a specific focus on sustainable growth through demand response and renewable energy integration. Candidates will specifically contribute to the execution of the research agenda of the ICEBERG ERC Starting Grant:

<https://intranet.uclouvain.be/fr/myucl/administrations/adre/actualites/iceberg.html>

For a list of recent research projects, applicants are encouraged to consult the following web pages:

https://perso.uclouvain.be/anthony.papavasiliou/public_html/

<http://uclengiechair.be/>

Description of the position

The main activity of the post-doctoral researcher will be to conduct post-doctoral research under the supervision of Professor Anthony Papavasiliou, and disseminate this research in journal publications. The post-doctoral researcher may also be involved in teaching activities. The grant is for two to three years and carries full benefits and a monthly *net* amount of approximately 2,200 €.

Required qualifications

The ideal candidate should hold a PhD in Electrical Engineering, Computer Science, Operations Research or a related field. The ideal candidate should have a solid background in optimization, mathematics, statistics and economics, an interest for the application of operations research in energy systems and strong programming skills. Familiarity with parallel programming is highly desirable. Proficient knowledge of English is highly desirable. A background in power systems is desirable, though not required.

To apply

In order to inquire about vacancies, please contact Professor Papavasiliou with a CV. If openings matching your background are available, you will be asked to submit a full application.

Full applications should include:

- A CV
- Unofficial transcripts of undergraduate and graduate studies
- 3-5 letters of recommendation (references can email their recommendation letters to anthony.papavasiliou@uclouvain.be)

- Unofficial transcripts (official transcripts will be required if admitted - English translations are required)
- 3-5 drafts of academic work (published or submitted journals, conference papers)
- **Optionally:** a research statement

Applications and questions about the opening can be emailed to Professor Anthony Papavasiliou at anthony.papavasiliou@uclouvain.be. Applications will be received on a continuous basis. The position will commence upon admission of the applicant.

Funding

This research is financed by the European Research Council, ERC-STG-2019, grant No 850540.



European Research Council

Established by the European Commission