Full-time postdoctoral fellowship at the Center for Applied Public Economics (CAPE) of the Université Saint-Louis - Bruxelles for a period of two years. The candidate will spend his or her time entirely on the project - he or she will not have to teach and will not have to carry out administrative tasks other than those necessary for the realization of the project.

Project: The candidate will help us develop an innovative online and open-access platform that enables policy makers, stakeholders and citizens to simulate the effect of tax-benefit reforms, and to visualize the impact of such reforms from the viewpoint of employment, wages, competitiveness, poverty, inequality, congestion, environment, etc. in its online interface. To this end, the researcher will work in team on manipulating
various micro-databases (cleaning, analysis, statistical matching), code parts of the model in R, develop the online graphical interface and/or estimate econometric models of individual behavior. The simulation platform covers a large part of the Belgian tax-benefit system, with a particular focus on problems related to mobility, environment and employment. The project is at present already in an advanced state of development. After the development of the simulation platform, the candidate will use it for research on public policy evaluation and/or our research methodology.

Team: The candidate will work at CAPE at the Université Saint-Louis - Bruxelles. He or she will be part of and help us coordinate a development team of about a dozen researchers that work in close collaboration on matters of public policy evaluation.

Qualifications required: A good command of English, and preferably also knowledge of either Dutch or French.   The candidate has a PhD (or is close to getting it) in the fields of data science, economics, econometrics, statistics, engineering, computer science, or social science with a strong focus on data science. Experience with public finance, data science in R, machine learning, structural equations modelling, micro-simulation modelling or project management are valuable assets. The ability to work in team, and to help coordinate the project is also an essential quality.

Salary: +/- 2700€ net per month (the exact net salary depends on the candidate's individual situation.)

Start date: The contract starts on December 1st, 2021 (flexible).

Deadlines: Applications (CV + cover letter + 2 reference letters) should be sent by email at cape@usaintlouis.be by October 25th 2021 at the latest.

For complementary information, please contact:

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