Full-time postdoctoral position at the Center for Research in Economics (CEREC) of the Université Saint-Louis - Bruxelles, for a period of 2 years, renewable once for two additional 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 contribute to the development of an innovative online and open-access microsimulation model for the evaluation of public policies w.r.t. mobility and employment in the Brussels Capital Region. The online model will allow policy makers, public administrations, civil society or interested 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 (see www.CoCaTax.be for a rudimentary proof-of-concept). 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, estimate econometric models of individual behavior and produce videos and tutorials that will help users to understand the simulation tool as well as the Belgian tax-benefit system.

Team: The candidate will work at the Center for Research in Economics (CEREC - www.cerec.be) of the Université Saint-Louis Bruxelles. He or she will be part of a dynamic development team of about ten researchers, led by professors Gilles Grandjean and Tom Truyts.

Deadlines: Applications (CV + letter of motivation + 3 reference letters) should be sent by email to Professor Gilles Grandjean (gilles.grandjean@usaintlouis.be) by December 1st 2019 at the latest. The start date of the scholarship is January 1st, 2020 (flexible).

Job requirements:

- Fluent in english
- Hold (or be close to obtaining) a doctoral degree in one of the following fields: economics, management, econometrics, business engineering, mathematics, statistics, civil engineering (in applied mathematics).

Other qualifications / useful experience: knowledge of R or other statistical software, database manipulation, programming, software development, publications in applied economics, experience in project management.

Salary: +/- 2400€ net per month (the exact net salary depends on the candidate's individual situation).

For any complementary information, please contact:

Gilles Grandjean (USL-B): gilles.grandjean@usaintlouis.be
Tom Truyts (USL-B): tom.truyts@usaintlouis.be