



Full-time junior assistant (PhD student) in Applied Mathematics  
Ghent University – Ghent University Global Campus, Korea

- Last application date: 21<sup>st</sup> July, 2017.
- Department: Department of Mathematical Modelling, Statistics and Bioinformatics (BW10) and Department of Environmental Technology, Food Technology and Molecular Biotechnology (KR01).
- Contract: 1 year contract, renewable (max. 4 years).
- Degree: Master degree in one of the following: mathematics, systems and control, bioscience engineering, chemistry or chemical engineering.
- Occupancy rate: 100%.
- Vacancy type: Academic Assisting Staff.

Ghent University Global Campus, Korea (GUGC-K) has a vacancy for a position of junior assistant, starting from 28<sup>th</sup> August 2017. It concerns a temporary full-time position for a renewable period of max. 4 years.

Profile of the candidate

- hold or expect to hold by September 2017, a master degree in one of the following disciplines: mathematics, systems and control, bioscience engineering, chemistry or chemical engineering. Exceptional candidates from other science/engineering backgrounds will also be considered.
- should have had a rigorous undergraduate mathematics training and in general a strong background in mathematics.
- be highly motivated to conduct research in the area of applied mathematics, specifically in the area of mathematical biology/chemistry.
- have an excellent academic track record, an excellent command of English and good academic writing and presentation skills.
- knowledge of biology or chemistry at undergraduate level is preferable although not mandatory.

Job description

- to assist his/her supervisors in teaching undergraduate mathematics courses at Ghent University Global Campus, Korea.
- to conduct research in the area of mathematical/systems biology, particularly in the area of model reduction of biochemical networks.

Starting date: 28<sup>th</sup> August, 2017.

GUGC-K is the first campus of Ghent University outside Belgium. This brand new campus is located in Incheon, South-Korea. GUGC-K integrates educational and research facilities in a single building. Ghent University has the ambition to organize a first-rate, truly European education in Asia and to develop excellent research in the fields of Molecular Biotechnology, Environmental and Food Technology

While the candidate will mainly work under the supervision of Prof. Shodhan Rao and Prof. Arnout van Messem located at the campus in Korea, he/she will also be assigned Prof. Willem Waegeman in the Ghent main campus as a co-supervisor. The candidate will have the opportunity to also spend time at the campus in Ghent during the course of his/her PhD.

Free student accommodation and a yearly travel budget are foreseen. GUGC-K is an equal opportunities employer.

**Applications should be sent no later than 21<sup>st</sup> July 2017 by email to [Shodhan.Rao@ghent.ac.kr](mailto:Shodhan.Rao@ghent.ac.kr); [Arnout.vanmessem@ghent.ac.kr](mailto:Arnout.vanmessem@ghent.ac.kr) with a motivation letter, CV, copies of degrees, and an overview of the study results attached. Please merge all documents into a single PDF file. A PDF version of the master's thesis might be requested at a later stage. Only shortlisted candidates will be contacted.**