

Gent, February 11th, 2014

Dear,

We would like to point your attention to an interesting job opening at Ghent University/iMinds. We have a vacant PhD position for research in the field of Future Internet Architectures.

iMinds is a research institute for ICT innovation in Flanders (www.iminds.be) and one of the key innovative players in Belgium. The research is aimed at valorisation and is performed in close cooperation with industrial players: big companies like a.o. Alcatel-Lucent, Belgacom, Deutsche Telekom, Nokia-Siemens Networks, Telenet; small and medium sized enterprises like a.o. Androme, BeMobile, Comsof, DigiPolis, OneAccess, Televic, ZapFi; as well as non-profit organizations.

The research Group IBCN (Internet-based Broadband Communication Networks and Services www.ibcn.intec.ugent.be) is one of the research groups at iMinds, active in different research domains. The IBCN group is performing fundamental and applied research on internet-based communication networks and services, more specifically with the focus on: (1) Network Modeling, Design and Evaluation, (2) Mobile & Wireless Networking, (3) High Performance Multimedia Processing, (4) Autonomic Computing & Networking, (5) Service Engineering, (6) Content and Search Management, and (7) Data Analysis and Machine Learning. A well-established experimental test environment and a number of technology platforms support these activities. One of the key domains is the design of future Internet solutions in order to accommodate the future requirements in terms of growing bandwidth, delay, quality-of-service, security, new service models, etc.

In order to perform high-quality research at iMinds (within the IBCN research group) we are looking for motivated researchers with excellent technical and analytical skills.

If you are interested in this job opening and your profile corresponds to the description attached, please send your resume as soon as possible to Mrs. Martine Buysse.

Universiteit Gent – INTEC
Gaston Crommenlaan 8, bus 201, 9050 Gent
e-mail : martine.buysse@intec.ugent.be

Kind regards,



Prof. Piet Demeester
Head of the IBCN research group

Research in Design of Future Internet Architectures (PhD position)

Job description

You perform research in the domain of Future Internet Technologies.

- You are conducting research on modern and future network technologies (IP, optical networks) in the framework of European-level and national research projects.
- You are analysing the current network technologies thoroughly and you are developing new network algorithms and concepts, e.g. on Software-Defined Networks (SDN) or Recursive Inter-Network Architectures (RINA).
- You are building up hands-on experience by implementing these network concepts and by evaluating through emulation on a large testbed or through detailed simulations.
- You publish and present results both at international conferences and in scientific journals.
- This research leads to a PhD degree. Throughout the complete PhD period, you receive a full-time, attractive salary.

Your profile

We are looking for candidates with the following qualifications and skills.

- You have (or will receive within a few months) a Master's degree in Computer Science, Electronics, Informatics or Optics. You are acquainted with the Java or C++ programming language. Experience and a strong interest in existing or new network technologies are a plus.
- You are able to plan and carry out your tasks in an independent way. You have strong analytical skills to interpret the obtained research results.
- You are a team player and have strong communication skills.
- You are able to commit to timing and milestones set forward by different research projects.
- Your English is fluent, both speaking and writing.

Our offer

We offer a challenging, stimulating and pleasant research environment, where you can contribute to the worldwide research for the Future Internet. The work is done in close collaboration with key European ICT and telecom industry players.

Interested ?

Send your motivation letter and CV to martine.buysse@intec.ugent.be , indicating "Application: PhD Research in Design of Future Internet Architectures" in the subject.