The Electromagnetism and Telecommunications Department of the University of Mons (www.umons.ac.be/telecom) is looking for an

Engineer/scientist in telecom/computer networks
in IoT communications for smart cities applications (F/M)

Job Short Description:

The project has a 5 years duration and is about dimensioning and analyzing efficient Internet of Things communication solutions (including wireless and wireline solutions - e.g. ZigBee, LoRaWAN, NB-IoT, PLC, ...) for smart cities applications. The researcher will work on the telecommunications aspects of the design of new smart and interactive street furniture (like streetlights, benches, bus shelters, ...) able to collect, send and share data. In the case of streetlights, an important research work will be conducted about wireless optical communications e.g. LiFi.

This research is jointly funded by ‘Region Wallonne’ and ‘European Commission’ in the frame of the Walecities FEDER project. It will take place at UMONS in collaboration with a research center and a company.

Profile Description:

- Profile: Engineer/scientist in telecom/computer networks
- Diploma: master degree in engineering (electrical, in telecom or in computer), in computer sciences, in data sciences, or equivalent
- Technical background in telecommunication networks and/or in computer networking;
- Autonomy, good written and oral communication skills;
- Fluent in English; French is welcome.

Application Procedure:

Applications, including a motivation letter, curriculum vitae (mentioning studies distinctions) and a copy of university certificate, are to be sent by e-mail to veronique.moeyaert@umons.ac.be, sebastien.bette@umons.ac.be and patrice.megret@umons.ac.be and Marilina.mura@umons.ac.be;

Deadline: 2018/04/16
Any question?: veronique.moeyaert@umons.ac.be

Important remarks:

- This research work is compatible with the realization of a PhD thesis in applied sciences (‘Sciences de l’Ingénieur et Technologie’) at UMONS (subjected to the examination by the relevant commission).
- Applications that are incomplete, do not correspond to the described profile or were sent after the deadline will not be taken into consideration.
- Note that the receipt of applications will not be acknowledged.