



Post-doc or research engineer Position on Communication Protocol for wireless sensor network

The Labex Σ -lim "Laboratory of Excellence" emerges from a collaboration between XLIM Institute (mathematics, informatics, cryptography, electronics, microwave and photonics Institute) and SPCTS Laboratory (Science of Ceramic Processes and Surface Treatments).

More than 600 investigators (PhD. students, post-docs, technicians and researchers) work in a dynamical environment with modern equipment. The Labex Σ -lim main objective is to find "specific ceramics, materials and components for integrated, secure and intelligent communication systems".

The "Integrated and Secure Systems Chair" promotes multidisciplinary research projects for which an overall system optimization is sought between the satisfaction of user needs and energy costs. Two projects are currently underway: Sensor network and RF front-end.

Applications are invited for a post-doctoral (m/f) or research engineer position in the "Integrated and Secure Systems Chair" for a period of 1 to 2 years.

The candidate must have a PhD or an engineering diploma in communication protocol for wireless network (algorithms and material implementation). The candidate must master English (spoken, read and written).

The successful candidate will participate in the "sensor network" project of the Labex Σ -lim "Integrated and Secure Systems Chair" and will be responsible for technology research and realization of a wireless sensor network demonstrator and its tests. He/she will also give a support to the "RF front end" project for signal processing and communication devices technology and integration. He/she will participate to the dissemination of research through publications and communications.

This work will be done in collaboration with the Chair responsible, his assistant, projects responsible and research teams in the Labex Sigma-lim laboratories.

Candidates are invited to submit a CV, a cover letter and a list of references to: sigma-lim@unilim.fr before October 30, 2015

Location: Poitiers/Futuroscope technopole, France with periodic meetings in Limoges and Brive, France
Salary: from 2000 EUR net, depending on experience.



XLIM: <http://www.xlim.fr/>



SPCTS: <http://www.unilim.fr/spcts/>