PhD Positions in Software Engineering
University of Luxembourg

The University of Luxembourg seeks to hire outstanding PhD candidates at its **Software Verification and Verification (SVV) Laboratory (http://www.svv.lu).** The laboratory is led by Professor Lionel Briand and is supported by a € 4.6 Million grant from the Luxembourg National Research Fund (FNR). **English is the working language of this international laboratory.**

SVV is part of the Interdisciplinary Centre for Reliability, Security and Trust (SnT). SnT currently employs over 150 staff members and conducts research in secure, reliable and trust-worthy information and communication technologies, often in close collaboration with industrial, governmental and international partners.

The University of Luxembourg is a research-focused university with many internationally-renowned scientists and academics. The University offers **highly competitive salaries** (for PhD candidates, a gross monthly salary of approximately € 2600) and is **an equal opportunity employer**. Female candidates are strongly encouraged to apply.

The SnT building is located in the heart of Luxembourg City

Luxembourg is located at the crossroads of Europe, with excellent rail, road and flight connections to major European cities, including London, Paris, Amsterdam, Frankfurt, Berlin, Milan, Geneva, Zurich and Brussels. The TGV high-speed train puts Paris within 2 hours' reach while Frankfurt and Brussels are merely 2 hours away by car or regular trains. Luxembourg, particularly its capital where the SnT centre and the SVV laboratory are located, offers a truly cosmopolitan melting pot. 60% of the population in Luxembourg City are foreign residents coming from over 140 different countries. All residents in Luxembourg benefit from a world-class social system, covering healthcare and family benefits. Luxembourg every year hosts a multitude of cultural events in arts and music and is widely-known for the quality of its cuisine.

Your Role
The successful candidates will work closely with the team members of the SVV Laboratory. The lab is already engaged in a number of projects carried out in collaboration with the industry and the public sector in Luxembourg and is rapidly expanding. The successful candidates will be working on projects in the following areas: Model-based testing, model-based verification (e.g., embedded, real-time systems), requirements engineering, product-line architectures, and security analysis.

Your Profile
You must already have, or expect to have in Spring 2013, an MSc degree in Computer Science, Computer Systems Engineering, Software Engineering, or Applied Mathematics. Good written and verbal communication skills in English are required.

We Offer
The university offers a three-year appointment (extension up to 4 years in total is possible). You will work in an exciting international environment and will have the opportunity to participate in the development of a newly-created research group.

Sending Your Application
Applications and any further inquiries must be sent directly by email to Professor Briand at
svvlab@uni.lu

Your application must be in English and must include a **Curriculum Vitae**, **transcripts of university-level courses** and **contact information for 3 referees**.

Deadline for application: December 31st, 2012.