

Research Associates (Postdocs) in blockchain/FinTech/Financial Cryptography at SnT and Deloitte (M/F)

The Interdisciplinary Centre for Security, Reliability and Trust (SnT) and Deloitte, Luxembourg invite applications from PhD holders in the area of blockchain and FinTech. This position will be held jointly at SnT in cooperation with Deloitte. The Centre is currently expanding its research activities and is seeking highly motivated research associates who wish to pursue research in close cooperation with our partners. For further information you may check: www.securityandtrust.lu and cryptolux.org.

Research Associates (Postdocs) in blockchain/FinTech/Financial Cryptography (M/F)

Ref: OTP code

Fixed Term Contract 2 years (CDD), full-time 40 hrs/week

Number of positions: At least 1

Start day: as early as possible based on FNR decision (around September 2017).

Your Role

The successful candidate will join the **SnT/Cryptolux** group led by **Prof. Alex Biryukov** and **Deloitte** team lead by **Thibault Chollet**. They will perform the following tasks:

- Shaping research directions and producing results in one or more of the following topics:
 - Blockchain tech, distributed ledgers
 - Smart Contracts
 - Financial engineering
 - Financial cryptography and security
- Disseminating results through scientific publications
- Attracting funding in cooperation with industrial partners
- Coordinating research projects and delivering outputs
- Implementing real-time solutions and PoCs
- Providing guidance to PhD and MSc students
- Organizing relevant workshops and demonstrations

For further information, please contact **alex.biryukov at uni dot lu** and **cduprel at deloitte dot lu**

Your Profile

- **A PhD degree** in Computer Science, Applied Mathematics, Finance/Economics or related field
- Competitive research record (publications at top conferences)
- Strong mathematical background
- Strong development skills in one of the: C++/ python/ Java
- Experience with blockchains, smart contracts
- Background or interest in Finance, Economics is a plus
- Experience with European projects (FP7/H2020) is a plus
- Commitment, team working and a critical mind
- Fluent written and verbal communication skills in English are mandatory

We offer

We offer **two-year** employment. Selected candidate will apply with us for the AFR PPP grant, more details here:

<https://www.fnr.lu/funding-instruments/afr-ppp/>

You will work in an exciting international environment.

Application

Applications, written in English should be submitted online and should include:

- Curriculum Vitae (including your contact address, photo, work experience, publications)

- A research statement indicating the research area of interest and your motivation (max 1 page)
- Contact information for 3 referees

Deadline for applications: March 6, 2017. Early submission is encouraged, applications will be processed upon arrival.