

## Post-doctoral position on Self-Organizing Reconfigurable Architectures

**University of Applied Sciences of Western Switzerland, Geneva, Institute of Information Technologies**

**Activity rate:** between 60% and 100% (according to availability and skills)

**Salary:** around 85'000 Sfr (73'000 euros aprox.) per year for a full-time position.

The University has an open position as scientific collaborator. This contract is valid for one-year, and can be re-conducted for two more years.

### **Duties:**

- Participation on an international collaboration project
- Design and implementation of an heterogeneous self-organizing bio-inspired computing platform.
- Development of computation accelerator cores on FPGAs.
- Active participation on scientific paper writing.

### **Qualifications:**

- PhD in computer sciences, electronics or microengineering .
- Very good skills in VHDL and C programming.
- Very good knowledge on FPGA architecture and programming.
- Knowledge about neural networks and self-organization is a major asset.
- Experience in dynamic reconfiguration of FPGAs and/or high-speed serial links is an asset.
- Very good written English.
- A good level of spoken French is an asset.

**Application Deadline:** February 15, 2018

**Starting Date:** March 1, 2018 (negotiable)

**To apply,** please submit a cover letter, CV, and at least one letter of reference addressed to:  
[andres.uegui@hesge.ch](mailto:andres.uegui@hesge.ch)