Postdoctoral position @ EPFL

The Laboratory of Algorithms of EPFL seeks a **postdoctoral researcher** under the supervision of Professor Amin Shokrollahi.

ALGO and LMA belong to Faculté I & C and the Faculté des sciences de base, respectively. We are a mix of researchers from areas such as Mathematics, Computer Science, Electrical Engineering/Communication, and Physics.

The candidate will contribute to the research of a strong team of mathematicians, computer scientists, and electrical engineers working on cutting edge problems in coding theory.

In addition to research, the job will also include some teaching in English and French, and supervision of doctoral students.

The positions start on September 1st, 2017, though earlier dates would also be conceivable.

Interested applicants should send their CV and motivation letter to amin.shokrollahi@epfl.ch. They should also arrange for at least three letters of recommendation to be sent to the same address.

Requirements

- PhD in Mathematics, Computer Science, Electrical Engineering, or Physics
- Expertise in Coding Theory
- Expertise in at least one of the following areas:
  - Theoretical Computer Science, preferably Complexity Theory
  - Iterative decoding, codes on graphs
  - Algebraic techniques in Coding Theory
  - Algebraic geometry
  - Computational algebra, preferably representation theory of finite groups
  - Algorithm development and implementation skills
  - Storage architectures and system design
- Good knowledge of English and French
- Excellent oral and written communication skills