

**Type:** Other  
**Name (ID):** Valais-Wallis Ambition initiative for PhDs and Postdocs  
(OP-20160816-170902)  
**Supervised by:** François FOGLIA

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**Description:** Through its "Valais-Wallis Ambition" initiative, and within the constraints of its projects and financial availabilities, the Idiap Research Institute supports young engineers having completed their primary and secondary schools in Valais, followed by EPFL-equivalent studies, and interested in pursuing high-quality post-graduate training.

To apply, the candidate must have a proven track record of excellence as student and a deep interest in the Idiap research activities. In addition to the usual CV, we strongly encourage applicants to clearly identify how they could contribute to the research activities of Idiap. Applications providing a clear research plan (one page maximum) are also very much encouraged and will be given full attention. Female candidates are also strongly encouraged to apply.

Salaries are aligned with the Swiss National Science Foundation (SNSF) regulations.

#### PhD student

Appointments as a PhD student are typically for 4 years, conditional to successful progress, and should lead to a PhD dissertation, granted by the "Ecole Polytechnique Fédérale de Lausanne (EPFL)". Working at Idiap in Martigny, the successful candidate will also be an EPFL doctoral student, hence conditional on having been accepted for enrollment by the Electrical Engineering Doctoral School (EDEE) or the Computer, Communication and Information Sciences Doctoral School (EDIC) before joining Idiap.

Candidates should hold a master degree, in engineering, physics, computer science, or applied mathematics. Applicants should also demonstrate a strong background in statistics, linear algebra, signal processing, C/C++ programming, Perl and/or Python scripting languages, and Linux environment.

#### Postdoc

Postdoc appointments are typically for one year, with possibilities of renewal for a maximum of 4 years, conditional to performance.

Candidates should hold a PhD degree in engineering, physics, computer science, or applied mathematics. They should also demonstrate excellent research experience in their field, strong publication record (comparing well with peers with same seniority level), and ability to do creative and significant research with relative level of autonomy. Applicants should also demonstrate a strong background in statistics, linear algebra, signal processing, C/C++ programming, Perl and/or Python scripting languages, and Linux environment. Strong expertise in or around Idiap's research areas is also a must.

Use the following link to apply:

<http://www.idiap.ch/education-and-jobs/job-10202>