

A junior chair in Data Science for Earth, Space and Environmental Sciences at Université Grenoble Alpes

Université Grenoble Alpes invites applications for a 3-year junior research chair in Data Science for Earth, Space and Environmental Sciences starting in October 2017. The objective is to recruit an outstanding candidate motivated in developing or applying data science methodology to Earth, Space and Environmental Sciences.

We are looking for candidates that will accelerate the uptake of data science analytics in Earth, Space and Environmental Sciences. Through his/her research activities in one of the research groups at Université Grenoble Alpes, the successful candidate should demonstrate the benefits of data science and modern data analytics in Earth, Space and Environmental Sciences. His/her research applications can concern for instance : atmosphere or ocean sciences, hydrology, glaciology, astrophysics, planetary science, satellite remote sensing or ecology. His/her activities at Université Grenoble Alpes should in particular help demonstrating how open-source scientific software or new collaborative approaches (e.g. hackaton, data challenges) contribute to successful interdisciplinary research.

Candidates for this position should be either

- a domain scientist with experience in applying modern data analytics in his/her field and/or experience in open source scientific software development;
- or a data scientist (computer science, machine learning, optimization, signal processing, statistics) with a proven track record in the proposed field of application and a strong motivation for advancing knowledge in Earth, Space and Environmental Sciences.

The research chair is funded by the Grenoble Alpes Data Institute, which promotes applications of data science in several scientific domains. The Grenoble Alpes Data Institute seeks to leverage methodological advances in machine learning, signal processing, statistics, and computational sciences to provide actionable tools for addressing concrete scientific challenges. Research must be conducted in one of the labs affiliated with the Grenoble Alpes Data Institute (<https://goo.gl/wzzmQx>).

Interested applicants should send their application to application-datachair@univ-grenoble-alpes.fr before May, 21st 2017. Before application, we encourage candidates to contact contact-datachair@univ-grenoble-alpes.fr to discuss about potential labs where the research project can be carried out. Application files should include a two page research project, a curriculum vitae, and a list of publications and references. Short-listed candidates will be interviewed in June.

Annual gross salary ranges from 30,000 to 35,000 euros. The position is endowed with equipment and travel resources. The research chair will be employed by Université Grenoble Alpes that is a major player in higher education and research in France (<http://www.univ-grenoble-alpes.fr/en/>). The position is located in Grenoble, which is a university town located in a beautiful alpine environment.