Faculty Position (M/F)
(Reference: MDCDS2017)

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<th>Research topics</th>
<th>Large Scale Data Management</th>
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<td>Department</td>
<td>Data Science</td>
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<td>Parution date</td>
<td>23/01/2017</td>
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<td>Start date</td>
<td>ASAP</td>
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Description
The Data Science Department of EURECOM invites applications for a tenured position at the Assistant Professor level in the area of Large-scale Data Management and Knowledge Extraction.

EURECOM hosts a well-established academic research group in the field of Data Science in Europe, as testified, for example, by the recent award of a Chair of Computational Statistics from the AXA Research Fund, and by awards such as the “H2020 European Stars Prize” for our research in Large-scale Distributed Systems and Big Data.

The activity of the professors in the department cover key areas, such as: computational statistics, theory and practice of machine learning, deep learning, adversarial learning and data economics, parallel and distributed algorithms and systems, natural language processing and information extraction, knowledge base development and semantic web technologies. Additional information on the Data Science Department is available at http://www.eurecom.fr/ds/

The new faculty is expected to join forces with the department by integrating, complementing and extending existing research activities with original approaches in one or several of the following areas:

- (Very Large) Database Systems and Theory
- Information Retrieval and Data mining
- Information Extraction, Knowledge bases and Semantic/Linked data

Candidates must have a Ph.D. in computer science, electrical engineering, applied mathematics or related disciplines, and have postdoctoral research experience in one or several of the above areas, as well as a strong publication record (e.g., WWW, VLDB, SIGMOD, KDD, SIGIR, ISWC, ACL).

The new faculty is expected to carry out fundamental research and to develop new graduate courses in the aforementioned domains.

While actively leading research with her/his team, the new faculty is also expected to enhance the resources of the department by attracting additional funding. Besides excellence in academic research, she/he must tackle real life data management problems raised by industrial applications, for example provided by EURECOM’s industrial partners.

Requirements
Education Level / Degree: Ph.D. in computer science, electrical engineering, applied mathematics or related disciplines
Field / specialty: Data management and Data mining

EURECOM specifically encourages women to apply with a view towards increasing the proportion of female researchers.
Application

The application must include:

- Curriculum Vitae including a publication list emphasizing the three most important publications
- A motivation letter
- A research and teaching statements of at least 2 pages
- Names and addresses of four (4) references

Applications should be submitted by e-mail to recruitment-mdc-ds@eurecom.fr with the reference: MDCDS2017

The screening process will start on March the 1st 2017 and the department will accept applications until the position is filled.

Postal address

CS 50193 - 06904 Sophia Antipolis, France

Contact

secretariat@eurecom.fr

Fax number

+33 4 93 00 82 00

EURECOM is a French graduate school and a research center in communication systems based in the international science park of Sophia Antipolis, which brings together renowned universities such as schools of Institut Mines Telecom group, Aalto University (Helsinki), Politecnico di Torino, Technische Universität München (TUM), Norwegian University of Science and Technology (NTNU), Chalmers University (Sweden) and Czech Technical University in Prague (CTU). The Principality of Monaco is a new institutional member.

EURECOM benefits from a strong interaction with the industry through its specific administrative structure: Economic Interest Group (kind of consortium), which brings together international companies such as: Orange, ST Microelectronics, BMW Group Research & Technology, Symantec, Monaco Telecom, SAP, IABG. The Institut Mines-Télécom is a founding member of EURECOM GIE.

EURECOM deploys its expertise around three major fields: Digital Security, Data Science and Communication Systems. EURECOM is particularly active in research in its areas of excellence while also training a large number of doctoral candidates. Its contractual research is recognized across Europe and contributes largely to its budget.

Thanks to its strong ties set up with the industry, EURECOM was awarded the “Institut Carnot” label jointly with the Institut Mines Telecom right from 2006. The Carnot Label was designed to develop and professionalize cooperative research. It encourages the realization of research projects in public research centers that work together with socioeconomic actors, especially companies.

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