Faculty Position (M/F)
(Reference: CM_DG_MDC_Edge_Mai2015)

Research topics	**Mobile networks**
Department	Mobiles Communications
Parution date	4 May 2015
Start date	ASAP
Duration	Full time CDI contract
Description	The Mobile Communications Department of EURECOM, Sophia-Antipolis, France, invites applications for a faculty position at the assistant professor level (Maître de Conference), in the general area of mobile networking, with a special interest for the emerging field of Mobile Edge Computing (MEC). MEC (sometimes nicknamed "Fog" computing) revisits the fundamentals of wireless network design to provide cloud-computing like capabilities within the Radio Access Network, offering personalized services to users, better performance, and better experience by pushing data and its processing much closer to the end user (the edge of the network). Concepts of interest within MEC include (but are not limited to)

- Network Function Virtualization and Software Defined Wireless Networking,

- content-centric communication and edge storage,

- device-based computation and communication (e.g. D2D: device to device),

- proximity network (e.g. proximity social networks, geo-fencing, ad-hoc networks)

- network and user analytics.

We are looking for a candidate with a strong combined background in wireless and networking and a proven experience in one or more of the above research areas. Experiment- and implementation-driven approaches are welcome. The successful candidate will teach (graduate only) courses and is expected to develop an externally funded research group. A Ph.D. in Computer Engineering or Electrical Engineering is required.

EURECOM is an English language (including teaching), top European level graduate school and research center located in the heart of Europe's leading high-tech park Sophia-Antipolis. The Department of Mobile Communications at EURECOM (www.eurecom.fr/cm) houses a renowned research laboratory targeting the theoretical analysis, design and experimentation of future wireless networks. It also offers a world class radio software prototyping facility (www.openairinterface.org).

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

Requirements	• Education Level / Degree: PhD in E.E. or C.S.
	• Field / specialty: Mobile networking, communications systems, performance modeling
	• Other important elements: Knowledge of French is NOT required (teaching in English)

Application

The application must include (I, II and III):

- I-Curriculum Vitae
- II-Motivation letter of two pages also presenting the perspectives of research and education
- III-Names and addresses of three references

Applications should be submitted by e-mail to secretariat@eurecom.fr with the reference : CM_DG_MDC_Edge_Mai2015

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 Télécom ParisTech, Aalto University (Helsinki), Politecnico di Torino, Technische Universität München (TUM), Norwegian University of Science and Technology (NTNU), Vietnam National University Ho Chi Minh Ville (VNU) and Chalmers University (Sweden). The Principality of Monaco is a new institutional member. The Institut Mines-Télécom is EURECOM's founding 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: Swisscom, SFR, Orange, ST Microelectronics, BMW Group Research & Technology, Symantec, Monaco Telecom, SAP, IABG.

EURECOM deploys its expertise around three major fields: Networking and security, Multimedia Communications and Mobile Communications. 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 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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