

Announcement of a Postdoc Position at Eurecom Institute in “Cooperative MIMO communications in wireless networks”

The department of Mobile Communications at the Eurecom Institute offers a postdoctoral position within the fields of communication theory and wireless network optimization.

In this project, we seek a talented researcher who will be invited to advance the state-of-the-art within cooperative transmission schemes and protocols for future wireless networks, both at fundamental theoretical and algorithm design levels. As one scenario of application, emphasis will be put on cooperative schemes within interference-limited networks using emerging ideas from cooperative MIMO systems, multicell coordination, distributed resource allocation techniques, cooperative game theory etc.

As such, the work will lie at the frontiers of signal processing, communication theory, network information theory and practical network optimization.

The candidate will integrate a dynamic team of well recognized international researchers within communications systems, as well as PhD students.

Skills required: The candidate must show excellent background within the fields of communication theory, signal processing, optimization theory. Prior research experience within some areas such as MIMO systems, resource allocation, wireless networks will be strongly appreciated.

Eurecom is located in the leading European high-tech park Sophia-Antipolis, a close drive to Nice, Cannes, Monaco, in the Nature-blessed sea-mountain area of Southern Provence, France. More information under www.eurecom.fr

Expected duration of position: 1 year

When to start: As soon as possible in 2008 (negotiable)

Conditions/salary: Complete competitive employee benefit package.

Information available upon request.

Working language: English

For more information, please contact Prof. David Gesbert (gesbert@eurecom.fr, www.eurecom.fr/~gesbert).

If you are interested to apply, please send your complete CV, three names of references, and a short email indicating your interest and availability conditions to Prof. Gesbert.