

2 PhD Positions in Applied Mathematics

The Cybernetic Communications Group (<http://cybernets.inria.fr>) at **Inria**, Lyon, France, is looking for two self-motivated full-time Ph.D. students in applied mathematics. The current opening revolves around the analysis of fundamental limits of decentralized data transmission systems via an interdisciplinary approach using tools from information theory, game theory, distributed stochastic systems and signal processing.

Both Phd positions are fully funded by **Inria** and are associated to the doctoral school of **Université de Lyon**. The selected candidate will enjoy working with a variety of collaborators from Inria and other partner institutions (see <http://cybernets.inria.fr>). This position is particularly suited to students holding a degree in electrical engineering, computer sciences, physics and/or applied mathematics, seeking for an academic and research career. The start date can be as soon as September 2016. Skills in french language are not required.

Application and More Information

Applicants should submit to samir.perlaza@inria.fr a cover letter indicating the candidate's research interests; a detailed curriculum vitae; list of publications (if any); list of relevant graduate courses taken along with grades; and contact of two or three referees.

About Inria

Established in 1967, Inria is the only French public research body fully dedicated to fundamental and applied research in information and communication sciences and technology (ICST). Inria is a national operator in research in digital sciences and is a primary contact point for the French Government on digital matters. Under its founding decree as a public science and technology institution, jointly supervised by the French ministries for research and industry, Inria's missions are to produce outstanding research in the computing and mathematical fields of digital sciences and to ensure the impact of this research on the economy and society in particular. Inria covers the entire spectrum of research at the heart of these activity fields and works on digitally-related issues raised by other sciences and by actors in the economy and society at large. Beyond its structures, Inria's identity and strength are forged by its ability to develop a culture of scientific innovation and to stimulate creativity in digital research. Throughout its 8 research centres and its 180 project teams, Inria has a workforce of 3400 scientists with an annual budget of 265 million euros, 29% of which coming from its own resources.

About CITI-Lab

The Cybernetic Communications Group -Cybernets@Inria- is hosted by the Centre for Innovation and Integration of Services (CITI Lab). The CITI Lab is an INRIA research laboratory affiliated to Université de Lyon and l'INSA de Lyon (National Institute of Applied Sciences).
