

Open Senior Software Engineer Position

Location: INRIA Sophia Antipolis (French Riviera): <http://www-sop.inria.fr/>
Planète project-team: <http://planete.inria.fr/>

Duration: 12 months (possibly renewable)

Salary: according to experience

Context:

INRIA, the French national institute for research in computer science and control, is dedicated to fundamental and applied research in information and communication science and technology (ICST). INRIA has a workforce of 3,800 people working throughout its eight research centres established in seven regions of France. The Sophia Antipolis – Méditerranée Research Centre comprises about 500 people shared out among about 30 research teams as well as several administration and technical departments.

The Planète project-team conducts research in the domain of networking, with an emphasis on designing, implementing, and evaluating Internet protocols and applications. The main objective of the project-team is to propose and study innovative architectures, services and protocols that will enable efficient and secure communication through the Internet. One of Planète's activities aims at providing dedicated testbed for research in networking. The team has been involved in several projects, both European (OneLab/OpenLab) and french (F-Lab), that precisely aim at building such infrastructures, in tight cooperation with numerous teams in France, in Europe, as well as in the U.S.A. and in Australia.

Summary:

The engineer will be part of the Planète Project-Team. She/he will carry out software developments and scientific experimentations within the research team. The job has the following components:

- To contribute to the development of a wireless experimentation platform composed of multiple WiFi nodes, wireless probes and RF shield cage;
- To maintain and monitor the development infrastructure;
- To participate in the design and running of wireless experimentations
- To contribute to some support activities;
- To manage one junior engineer assigned to these tasks.

Candidate skills:

- Strong experience with C, C++, Python programming and associated tools;
- Expertise in networking and wireless protocols, wireless propagation ;
- Experience and skills in project management appreciated;
- Previous experience with the development of Open Source software and/or contributions to the development communities of these projects would be a plus.
- To master technical and scientific English.

Contact:

Send email to: Walid.Dabbous@inria.fr and Thierry.Turletti@inria.fr