Position: POSIX Engineer

Work location: PISA, Italy

Short Summary: In this role, you will be a versatile software developer who can support the design, development and implementation of low-level POSIX-based firmware and Hypervisors.

Main responsibilities:

- Design and Develop components based on the POSIX standard, including a POSIX-based OS, Hypervisor, configuration tools and applications.
- Design and Development of an Emulation infrastructure for emulating the behavior of complex software on a virtual platform.
- Development of Automotive Firmware and AUTOSAR Adaptive modules

Requirements:

- PhD in Engineering / Computer Science
- Good knowledge of the C language
- Knowledge of computer architecture (e.g. interrupts, memory management, most common peripheral structure)
- Knowledge of real-time OSs and concurrent programming
- Experience in programming on POSIX systems like UNIX/Linux
- Knowledge of Hypervisor Technologies
- Knowledge of debugging techniques (e.g. gdb) of multithreaded and/or multi-process code
- Good communication skills, ability to work in multi-cultural environments, strong team working attitude
- Fluent in English and availability to travel outside Italy

We offer a career development in a challenging work environment, a competitive salary package, access to cutting edge technologies and state of the art equipment, opportunity to travel abroad to public events or conferences.