



Our **Stuttgart Technology Center is the Sony research center outside of Japan** and it is where innovations and future generations of products are being developed to meet the requirements and needs of the worldwide markets and customers.

The RF Devices team in the European Technology Center (EuTEC) focusses on technology innovations, research and development of the physical layer in systems like NFC, DAB+, DOCSIS, DVB-X2 or ATSC. The results of the research will define the core technologies for future products and new business opportunities for Sony.

We currently have an opening for a:

Student Internship *Near Field Communication (NFC)*

This work is conducted in SONY's European Technology Center in Stuttgart/Germany.

Tasks

- State of the art of Near Field communication (NFC) technology study.
- Perform measurement using latest NFC technology systems.
- Bench mark of up-to-date Mobile-Handset using NFC system.
- Test and measurement results dissemination.
- Documentation of the achieved results.

We offer

- The opportunity to work in an international team with complementary expertise ranging from RF to signal processing
- The chance to apply and extend your skills in state-of-the art Radio Frequency R&D topics
- Supervision and assistance by a senior R&D Engineer in the signal processing field

Skills required / Your profile

- Interest in RF measurements and having good hands on work with low frequency measurement.
- Good knowledge of RF transmission system (AM, FM,...etc.).
- Self-motivation and ability to learn and apply knowledge in new area of technology.
- Like working in an international and interdisciplinary team and the ability to communicate in English (written and spoken).

We are looking forward to receiving your application. Please send your application to:

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