



Sony manufactures audio, video, communications, and information technology products for the global consumer and professional markets. With its music, pictures, games and online businesses Sony is uniquely positioned to become a leading personal broadband network company in the 21<sup>st</sup> century. Sony's European electronics operations cover a full range of activities from R&D, design, engineering and manufacturing to marketing, sales and service.

Our **Stuttgart Technology Center (STC)** is where innovations and future generations of products are being developed to meet the requirements and needs of the worldwide markets and customers.

In our **STC European Technology Center (EuTEC)** our engineers are providing advanced European Audio and Video Technology for worldwide and European specific CE devices. The R&D is ranging from architecture and algorithm to software and standardization in the areas of optical technology (illumination and projection systems), digital transmission technology (digital radio and TV, near field communication and power-line communication), TV picture improvement (HDTV and MPEG on flat-screen displays) as well as standardization (DRM & Media Standards, DVB, NFC, PLC).

We are offering a

### **Research Internship for Audio Analysis / Machine learning**

Inside the Sony Stuttgart Technology Center, we are researching a variety of topics in the field of audio analysis and machine learning.

The successful internship candidate will work on one or more of the following topics:

- Automatic segmentation of radio and TV recordings
- Speaker identification on camcorder recordings
- Speech / music discrimination in radio or TV recordings
- Automatic classification of different types of audio signals
- Evaluation of various audio fingerprinting techniques

We are looking for a dedicated student with a background in signal processing and/or machine learning and classification. If you know how to use Matlab and C, are familiar with Linux/Unix, and if you are interested in actively participating in research in a team oriented, dynamic environment of a big international company, please send a CV including your grades and your availability to the adress below. The duration of the internship is 6 months. A compensation of 1000 Euro per month is paid.

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