

The Fraunhofer Institute for Integrated Circuits IIS is one of about 60 applied research-oriented institutes of the Fraunhofer-Gesellschaft with the aim of providing a technological basis for innovative products.

For our department Moving Picture Technologies, location Erlangen, we are looking for...

Interns and Student Assistants (m/f)

In the area Development of a framework for streaming Digital Cinema Packages to mobile devices

Already, more than half of the cinema screens worldwide have been digitized. At Fraunhofer IIS, we already developed software solutions for creating and playing Digital Cinema Packages (DCPs). In order to realize new workflows, an application that is capable of streaming digital cinema packages over IP-based networks, while taking advantage of the scalability of the employed JPEG2000 image compression, shall now be developed. In a further step, the streaming server shall convert media data into a popular consumer format in order to be compatible with existing software players for mobile devices.

You should have

- Good knowledge in C/C++ programming
- Knowledge of one or more multimedia- or streaming formats
- Experience with Qt-Framework and/or network- programming advantageous

We offer

- Identification of suitable streaming technologies and formats
- Further development of a rudimentary framework for streaming Digital Cinema Packages
- Quality assurance, assessment and documentation

We offer an open and cooperative working environment as well as freedom to develop your own interests, knowledge and skills. We offer part-time student assistantships (flexible time and day) and full-time internships.

Interested?

Do not hesitate: Join our team and work with us on the Technology of tomorrow!

Reference number: 901003

Please inform us, how you found out about our job offer.

Fraunhofer-Institut für Integrierte Schaltungen IIS
Personalentwicklung - 901003
Am Wolfsmantel 33
91058 Erlangen

Preferably by e-mail (pdf-file): personalmarketing@iis.fraunhofer.de

For more information about the institute and its products have a look at: <http://www.iis.fraunhofer.de/en/jobs/>