ams is a worldwide leader in the design and manufacture of high performance analog IC and sensor solutions. We provide best-in-class solutions for the communications, industrial, medical and automotive markets worldwide.

Working at ams means working in an exciting, motivating and challenging team environment and being able to fully develop your individual potential.

Currently we offer a 12 month internship for a

**Product Management and Application Engineering Project: Passive Infrared Sensing Solutions**

Education/experience:
- Basic Physics (propagation of infrared radiation through different solid materials, lenses)
- Algorithms and Methods (derive information from raw infrared sensor(s) signal(s))
- Basic Electronic knowhow (build HW boards, Controller knowhow)
- Good English language knowledge (spoken and written)

Position Focus/ Areas of Responsibility:
- Evaluate current sensor technology with respect to work with different materials
- Solution development for specific usecases (proposal of geometry, material, product specification etc)
- Specification and/or development of advanced SW algorithms for signal processing of IR-Sensor raw signals
- Interaction with Japanese lead customers on integration of the passive infrared sensing products in applications

Workplace:
Unterpremstätten/Graz, Austria

Duration:
August 2014 – July 2015

If you are interested in the above mentioned position, we kindly ask you to submit your application until May 22nd to Mr. Hiroyuki Shima, intex-ut@ml.adm.u-tokyo.ac.jp, International Exchange Section, University of Tokyo Headquarters