

FRAUNHOFER INSTITUTE FOR INTEGRATED CIRCUITS IIS

# **PRESS RELEASE**

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# The Internet of Things for security functions – Future Security Conference 2017 in Nürnberg

Nürnberg (Germany): In future the Internet of Things (IoT) can also play a large role in security functions. The emergency services can use the IoT to improve networking in an emergency. The Future Security Conference will be held on September 26–28, 2017, under the motto »Internet of Things for Security« in Nürnberg, Germany. Experts from the sciences, industry, and public bodies will be presenting the latest developments.

For firefighters it is important to know the location of all emergency services in the event of a major disaster. Previously, it was not possible to maintain radio contact between all the units. In such situations the Internet of Things can benefit firefighters with regard to networking and localization, making security-related software applications more effective.

At the Future Security Conference, experts will be presenting the latest developments with regard to IoT issues for security applications. These include experts from the German Aerospace Center (DLR), the German Federal Office for Information Security (BSI), as well as from industrial companies such as NXP Semiconductors. One of the keynote speakers will be Franz-Josef Schneiders from the German Federal Ministry of Transport and Digital Infrastructure, who is responsible for the "security strategy for the freight transportation and logistics sector." The conference is being organized by the Fraunhofer Institute for Integrated Circuits IIS. The Future Security Conference will be held on September 26–28 in the NürnbergConvention Center.

## Abstracts are to be submitted by the middle of June

The deadline for authors to submit an abstract of their conference paper is June 15, 2017. The focus of the contribution should be on the use of the IoT for defence and security issues or the protection of IoT-based critical infrastructure. The conference language will be English.

#### Please use the online portal to register for the conference

Interested parties or students can register to attend the Future Security Conference by September 15. It is possible to register online at <a href="https://www.future-security.org">www.future-security.org</a>. The confer-

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### Editor



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The **Fraunhofer-Gesellschaft** is the leading organization for applied research in Europe. Its research activities are conducted by 69 institutes and research units at locations throughout Germany. The Fraunhofer-Gesellschaft employs a staff of 24,500, who work with an annual research budget totaling more than 2.1 billion euros.

The **Fraunhofer Institute for Integrated Circuits IIS** in Erlangen is one of the world's leading application-oriented research institutions for microelectronic and IT system solutions and services. It ranks first among all Fraunhofer Institutes in size. With the creation of mp3 and the codevelopment of AAC, Fraunhofer IIS has reached worldwide recognition. In close cooperation with clients, scientists work on top international research in the areas of audio and media technologies, imaging systems, energy management, IC design and design automation, communication systems, positioning, medical engineering, sensor systems, safety and security technologies, supply chains and nondestructive testing. More than 900 employees work in contract research for industry, service providers and public institutions. Founded in 1985 in Erlangen, Fraunhofer IIS now has 13 locations in 10 cities: in Erlangen (headquarters), Nürnberg, Fürth, Dresden, Bamberg, Waischenfeld, Coburg, Würzburg, Ilmenau, and Deggendorf. Except for core funding of 24 percent, the annual budget of 150 million euros is financed by contract research.

More information available at www.iis.fraunhofer.de