



The Fraunhofer FOKUS Competence Center [NGNI \(Next Generation Network Infrastructures\)](#) and the associated Chair for [Next Generation Networks at TU Berlin](#) sporadically send newsletters with short information about latest activities.



FOKUS FUSECO Forum 2015:
“Digital Convergence and Seamless Connectivity for everyone and everything – Bringing 5G, SDN/NFV and M2M/IOT together”

The FOKUS FUSECO FORUM (FFF) 2015 was the sixth event in the series

and attracted approximately 200 telecommunication industry experts and academics from 32 countries. FFF 2015 provided a unique discussion platform for representatives from international network operators, standard development bodies, and leading academic organizations. This year's event theme was "Digital Convergence and Seamless Connectivity for everyone and everything – Bringing 5G, SDN/NFV and M2M/IoT together" focusing on the evolution of service control platforms for fixed and mobile next generation networks and their impact on industry. FFF 2015 offered two full days of technical tutorials, interactive workshops, conferences, exhibition booths, and live demonstrations.

Watch the video with the FUSECO Forum impressions:

<https://youtu.be/m6ZYBI-UOhI>

Detailed event minutes of FFF 2015 can be found here:

<http://www.fuseco-forum.org/minutes/>

A selection of pictures of FFF 2015 is available [here](#).

We want to thank our sponsors!

More details here:

www.fuseco-forum.org

www.fuseco-forum.org/minutes

www.5g-playground.org

Sponsors





Get 5G Ready Week Berlin - October 31 until November 4, 2016

Get ahead in 5G by joining 3 state of the art events, taking place the same week in Berlin:

IEEE CSCN 2016 - 2016 IEEE

Conference on Standards for Communications and Networking - October 31 to November 2, 2016

IEEE 5G Summit 2016 - November 2, 2016

Fraunhofer FOKUS FUSECO Forum 2016 - November 3 to 4, 2016

Stay tuned for more details!

If you are interested in speaking at the event or sponsoring options, please contact us at:

info@fuseco-forum.org

OPEN BATON

Open Baton: new features available

A new git tag (0.15) of Open Baton will be available in the next hours. In this tag have been realized some structural changes, added new features, and significantly improved the platform fixing issues that were present in the last release. We have also extended the available projects including a zabbix-plugin that can be used for integration with an external monitoring system (zabbix) and integration-tests that can be used for performing tests of your integrated solutions. We have been testing this latest release with our own toolkit Open5GCore and we achieved exciting results with regards to deployment and provisioning time: It took around 70 seconds to deploy and provision a fully functional core

network. Get in touch directly with us for getting more information about Open Baton: info@openbaton.org



Open Baton presented at IEEE SDN-NFV

The Open Baton team presented some demos and tutorial at the last IEEE SDN-NFV attended by a large number of people coming from the SDN and NFV community. Please checkout the following [link](#) for downloading the tutorial slides.

(password: ieeeesdnfiv)



Successful Final Review of EU Project FI-STAR:

“Digital Convergence and Seamless Connectivity for everyone and everything – Bringing 5G, SDN/NFV and M2M/IOT together”

The final review meeting of the Future Internet Social and Technological Alignment Research project (FI-STAR), which is an EU project within the framework of FI-PPP, was successfully completed. The ultimate objectives of the project are to validate FI-WARE technologies in live environments and testing in real world healthcare, wellness and ambient assisted living situations and to build related cloud-based infrastructures. It will become self-sufficient after the end of the project and will continue as a sustainable business model with several partners. Based on the results of FI-STAR, Fraunhofer FOKUS is going to maintain a FI-WARE-based infrastructure along with upcoming projects.

For more information about FI-STAR
please visit: www.fi-star.eu.

EMBERS

Kick-off of EMBERS Project:

The “Enabling a Mobility Back-End as a Robust Service (EMBERS)” is a new H2020 project that will be kicked off on 18 December in Paris and will last for three years. EMBERS aims at providing an integrated open infrastructure based on a smart parking and a smart management solution. The infrastructure is going to be offered via a variety of generic interfaces, including oneM2M, ETSI M2M, OMA LWM2M and FI-WARE NGSI. Fraunhofer FOKUS is going to contribute to the project based on the OpenMTC and FUSECO playground: www.open-mtc.org.



TRESCIMO, EU-South Africa, making FIRE possible, final review and presentation

TRESCIMO stands for Testbeds for Reliable Smart City Machine-to-Machine Communication for Smart Cities, with a lifespan from January-2014 to December 2015. The combined technology from I2CAT (Spain), CSIR (South Africa), Fraunhofer FOKUS (Germany), Technical University of Berlin (Germany), University of CapeTown (South Africa), Eskom (South Africa), ABS (Israel) made possible to build and run a smart environmental monitoring trial in Sant Vicenç dels Horts, near Barcelona, Spain and a smart energy trial in Guateng, near Pretoria, South Africa.

Read the full news [here](#).
[Watch the video regarding the EU trial and the Proof-of-concept.](#)
www.trescimo.eu
www.open5gmtc.org
www.opensdncore.org
www.openmtc.org
www.fiteagle.org
www.openbaton.org



BERCOM Kick-off

The first consortium meeting of the BERCOM project was hosted by Fraunhofer FOKUS on 15 October. BERCOM (Blueprint for Pan-European Resilient Critical Infrastructures based on LTE Communications) is a Franco-German 3-year collaborative project that aims at raising resilience by means of emerging 5G mobile technologies.



BERCOM develops, under the headline SCADAoverLTE, an evolutionary advancement of current automation technologies and hardens standardized mobile technologies to the strict requirements of critical infrastructures. Fraunhofer FOKUS used the opportunity to present to their project partners the toolkits Open5GMTC and Open5GCore which provide a platform for realizing the BERCOM demonstration scenarios.



DAAD - UNIFI Project Meeting

The DAAD-UNIFI meeting took place in Berlin at the Fraunhofer FOKUS Institute from November 3rd to November 6th, 2015. 28 participants from 11 countries participated.

Purpose of the University Future Internet, UNIFI, project is to establish sustainable teaching and research infrastructures in the areas of Future Internet through global collaboration among academic institutions facilitating researchers particularly master and PhD students to work together on state of the art technologies. These infrastructures are based on state of the art open source toolkits and additional Software packages which are publicly available. The initiative is happy to announce the expansion of new associations and partnerships stretching all over the world including Japan, Mexico, Colombia, Finland, Hungary, among other countries. Visit our videos [LINK] to learn more about UNIFI, its founding members and new associates. Become part of the Unify Community [here](#).

[UNIFI 1.0 Review 2015 Video](#)

[UNIFI 2.0 Preview 2015 Video](#)

Call for Papers

11th KuVS NGSDP Expert Talk

Date: Fri., Apr. 22, 2016 to Fri., Apr. 22, 2016

Location: Telekom Innovation Laboratories, Winterfeldtstraße 21, 10781 Berlin, Germany

Join our Expert Talk themed: "Networking Slicing and Next Generation Service Programming Approaches for SDN/NFV Infrastructures"

[Open Call](#)

[KuVS NGSDP Website](#)

5G SUMMIT 2016

Date: Thu., May 26, 2016 to Fri., May 27, 2016

Location:

The 5G Summit 2016 will take place in Stanford/Palo Alto from May 26th to 27th 2016. Submission Deadline is December 15th 2015.

[Call for Paper](#)

IEEE NetSoft 2016

Date: Mon., June 06, 2016 to Fri., June 10, 2016

Location: SEOUL, KOREA

2nd IEEE CONFERENCE ON NETWORK SOFTWAREZATION

[PAPER Templates](#)

[PAPER SUBMISSION](#)

Software Defined 5G Networks (Soft5G)

2nd International IEEE Workshop

Date: June 10, 2016

Location: Seoul, Korea

Prof. T. Magedanz (Fraunhofer FOKUS/TU Berlin) is Workshop Co-Chair.

[Visit the Soft5G Website](#)

[Call for Papers](#)

Call for Participation – Meet the FOKUS Experts

Germany Connect 2016

Date: Tue., Jan. 26, 2016 to Wed., Jan. 27, 2016

From January 26. to 27. 2016 Germany Connect 2016, formerly known as LambdaNet, takes place in Frankfurt. It is a perfect and neutral platform for Executives to discuss the newest trends on the telecommunication market and exchange experiences. Since 14 years Germany Connect is an outstanding chance for networking of the makers in German Telco industry. The focus in 2016 is on Infrastructure und technology. Prof. Dr. Thomas Magedanz (Fraunhofer FOKUS / TU

Berlin) will participate on the discussion: „CONNECTING 2018 – 5G’S FRONT- AND BACKHAUL REQUIREMENTS” Wednesday the 27th of January 2016.

[Learn more about this event on the homepage.](#)

Mobile World Congress 2016

Date: Mon., Feb. 22, 2016 to Thu., Feb. 25, 2016

Location: Barcelona, Spain

Visit our 5G Playground Team at the Mobile World Congress 2016.

[For more infos visit the Mobile World Congress Homepage.](#)

6th Annual Cloud Expo Europe, ExCeL, Software Defined Data Centre and Networks Stream

Date: Tue., Apr. 12, 2016 to Wed., Apr. 13, 2016

Location: London, UK

T. Magedanz, F. Schreiner: "Introducing the Fraunhofer FOKUS 5G Playground – Prototyping emerging SDN/NFV-based 5G Infrastructures and Applications“

www.cloudexpo europe.com



We wish you a Merry Christmas and a Happy New Year!

Sincerely yours,

Prof. Dr. Thomas Magedanz and Fraunhofer FOKUS NGNI and TU Berlin/AV team



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