



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.

FUSECO 2015
Forum 
FUTURE SEAMLESS COMMUNICATION

Industrial Internet
M2M SDN  stration
smart cities

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

Become part of this year’s event and join the Tutorials, Workshops and Conference, hands-on live demonstrations and in depth technical Discussions with Fraunhofer FOKUS,



TU Berlin and fellow experts!

Registration is open – Benefit from the Early Bird Discount!

Hosted and organized by: Fraunhofer Institute for Open Communication Systems FOKUS
General Chair: Prof. Dr. Thomas Magedanz, TU Berlin/Fraunhofer FOKUS

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

info@fuseco-forum.org

FOKUS FUSECO Forum 2014 report has been published in the IEEE Global Communications Newsletter Issue May 2014:

<http://www.comsoc.org/gcn>

More details here:

www.fuseco-forum.org

www.fuseco-forum.org/minutes

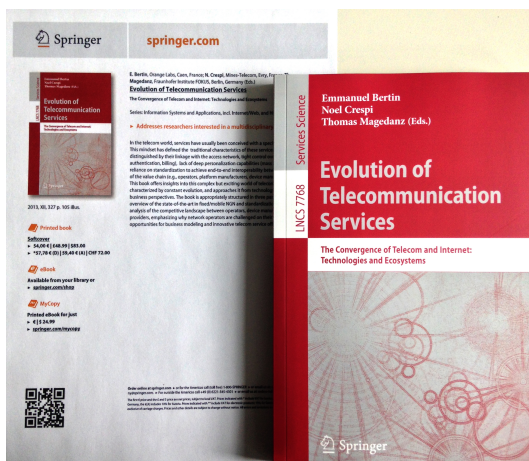
www.fuseco-playground.org

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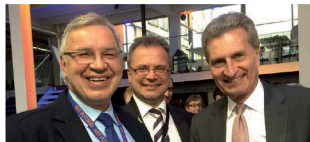


FED4FIRE-GENI Research Experiment Summit (FGRE 2015)

The FGRE summit will be held in Ghent, Belgium on July 6-10, 2015. It consists of a keynote speech, tutorials, hands-on experiments, and team projects. The summit will provide participants opportunities to learn and use the various resources and tools available in Fed4FIRE and GENI environment. Undergraduate and graduate students, faculty members at different-level colleges and researchers from industry (both SME and large companies) are welcome to participate. The program and more details can be found [here](#).

CONTRIBUTING TO THE DEVELOPMENT OF A COMPETITIVE EUROPEAN HEALTHCARE INNOVATION MARKET

Dr. Stefan Covaci, FI-STAR technical director, Technische Universität Berlin, Germany
Anastasius Gavras, FI-STAR project leader, Eurescom GmbH, Germany



FI-STAR at the NetFuture 2015 Conference, Brussels, Belgium.
From left to right: Günther Ottinger, high commissioner Digital Society, European Commission; Anastasius Gavras, FI-STAR project coordinator, Eurescom GmbH; Dr. Stefan Covaci, FI-STAR technical director, Technische Universität Berlin.

The cost of healthcare has grown and continues to grow at a higher pace than the GDP, reaching an unsustainable level. This situation is exacerbated in Europe where the strong inclusive growth policy of its member states is combined with a demographic evolution towards more elderly. The complexity of the different forms of diseases, the variety of therapeutic means in the presence of extensive comorbidities and polypharmacy along with the need to deliver the treatment at the point of care, form significant barriers to the deployment of an effective, efficient and profitable patient-oriented healthcare system. Smart solutions based on ICT are removing such barriers and pave the way to more innovation and smart growth in the healthcare sector.

Europe has mobilized a significant part of its industry in a Public-Private-Partnership on Future Internet (FI-PPP), which is the European programme for Internet-enabled innovation. The FI-PPP will accelerate the development and adoption of Future Internet technologies in Europe, advance the European market for smart infrastructures, and increase the effectiveness and cost efficiency of business processes through innovative services and delivery mechanisms. This initiative aims among others to deliver technologies that respond to the current societal challenges. In this context, the FI-STAR project establishes early trials of services and applications in the health care sector by building on top of the Future Internet Technologies (FIWARE) developed in the first phase of the programme. The project has adopted and augmented the FIWARE specifications

to create a sustainable ecosystem for all stakeholders in the global health care and adjacent markets, integrating these across supply chains centered on the FI-STAR eHealth Platform Provider and driving change towards improvement of effectiveness, efficiency and profitability. FI-STAR delivers standardised and certified software including a trusted, secure and resilient application-delivery platform for decentralised and integrative health care, taking advantage of all Cloud Computing and Big Data benefits and guaranteeing the protection and controlled sharing of personal data.

The frameworks, applications and tools produced by the FI-STAR project are currently tested, validated and evaluated through integration into the partners' cloud hosting facilities and by running a number of real clinical trials involving a rich set of health care giver and taker stakeholders in seven European countries. In addition, as part of the phase III of the FI-PPP programme, a vibrant community of start-ups and well-entrepreneurs are starting using the FI-STAR platform in their development of innovative health care solutions. The 42 project partners are proactive to create awareness and uptake of the results in the healthcare stakeholder communities and achieved already their high appreciation.



FI-STAR has received funding from the European Union's 7th Framework Programme for Research and Technological Development under the grant agreement No 604697.

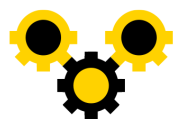
More information on the FI-STAR project
www.fi-star.eu
E-mail: contact@fi-star.eu

fi star FUTURE INTERNET
THE FUTURE. NOW. SOCIAL TECHNOLOGICAL ALIGNMENT IN HEALTHCARE
www.fi-star.eu

eHealth week in "The Parliament"

Read the article: "CONTRIBUTING TO THE DEVELOPMENT OF A COMPETITIVE EUROPEAN HEALTHCARE INNOVATION MARKET" (Dr. Stefan Covaci, FI-STAR technical director, Technische Universität Berlin, Germany, Anastasius Gavras, FI-STAR project leader, Eurescom GmbH, Germany) in The Parliament Magazine, pp 17, 4 May 2015.

Read the article [here](#).



CogNet

5G CogNet

Fraunhofer FOKUS and Technische Universität Berlin are going to participate in the 5G CogNet project kick-off on the 15th of July in Dublin,

hosted by IBM. CogNet is focusing on Autonomic Network Management based on Machine Learning for the 5th Generation Mobile Network to enable an (almost) self-administered and self-managed network. This will allow forecasting resource demand requirements through usage prediction, recognition of error conditions, security conditions, outlier events such as fraud, and responding and taking corrective actions. Further, energy efficiency will be achieved with the possibility to reconfigure the VNFs to take advantage of cheaper or greener energy when it is available and suitable.

Call for Papers

Mobileware 2015

Date: Mon., Nov. 09, 2015 to Wed., Nov. 11, 2015

Location: Wuhan, China

7th International Conference on MOBILE Wireless MiddleWARE, Operating Systems, and Applications, "Mobile Middleware: Connecting Sensors, Clouds and Big Data"

Paper Submission Deadline: July 31, 2015

[Call for Papers](#)

SDWN

Date: October 26 to 27, 2015

Location: Roma, Italy

2nd International Conference on Software Defined and Virtualized Future Wireless Networks

Paper Submission Deadline: June 30, 2015

Co-located with the IOT360 Summit. Endorsed by the European Alliance for Innovation (EAI). <http://iot-360.eu/2015/>

[Call for Papers](#)

Call for Participation – Meet the FOKUS Experts

TRIDENTCOM

Willner, A., Papagianni, C., Giatili, M., Grosso, P., Morsey, M., Al-Hazmi, Y., & Baldin, I. (2015).: "The Open-Multinet Upper Ontology - Towards the Semantic-based Management of Federated Infrastructures."

Willner, A., Nehls, D., & Magedanz, T. (2015).: "FITeagle: Semantic Testbed Management Framework."

Al-Hazmi, Y., Willner, A., Pickering, B., Alloush, A., Magedanz, T., & Cretti, S. (2015).: "Creating a Sustainable Federation of Cloud-Based Infrastructures for the Future Internet - The FIWARE Approach."

Date: June 24 to 25, 2015

In 10th Int. Conf. on Testbeds and Research Infrastr. for the Dev. of Netw. & Comm. (TRIDENTCOM) (to appear). Vancouver, Canada: IEEE.

TRIDENTCOM

Informa LTE World Summit

Date: Tue., June 23, 2015 to Thu., June 25, 2015

Location: Amsterdam RAI, the Netherlands

M. Corici, J. Kocur, T. Magedanz: "5G heterogenous network integration and roaming challenges and practical ways foreward"

LTE World Summit

Thai-German Graduate School of Engineering (TGGS)

Date: Tue., June 23, 2015

Location: Bangkok, Thailand

"Smart Communication Toolkits and Testbeds for Industry and Academia enabling the rapid Prototyping of Emerging Smart City Applications" talk by Prof. T. Magedanz

TGGS

ECTI-CON 2015

Date: Wed, 24. June 2015 to Fri, 26. June 2015

Location: Hua Hin, Thailand

12th international conference organized by Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI) Association. Vij, D., Morsey, M., Grosso, P., Willner, A., Bernstein, D., & Magedanz, T. (2015).:

"Software Defined Bearer Intercloud Networks I Semantic-based Network Exchange for the IEEE P2302 Intercloud Approach."

ECTI-CON

SATNAC 2015

Date: Sat., Sep. 05, 2015 to Wed., Sep. 09, 2015

Location: On the Arabella Country Estate, R44 Kleinmond, Hermanus

Prof. T. Magedanz (Fraunhofer FOKUS/TU Berlin) is TPC member and speaker:
"Global R&D Enablement for 5G Prototyping"

SATNAC 2015

Terrapinn 11th Annual Telecoms World Middle East

Date: Mon., Sep. 14, 2015 to Tue., Sep. 15, 2015

Location: Ritz Carlton, Dubai, UAE

Prof. T. Magedanz (Fraunhofer FOKUS/TU Berlin): "How will 5G change the world – towards SDN-Based MVNO Enablement?"

Telecoms World Middle East

M2M Innovation World 2015

Date: Tue., Sep. 15, 2015 to Thu., Sep. 17, 2015

Location: Marseille, France

"Pave the Way for Enabling Open M2M Service Platform" presented by Dr. Adel Al-Hezmi

M2M Innovation World 2015

IIR's 4th Annual Network Virtualization World Series

Date: Wed., Sep. 16, 2015 to Thu., Sep. 17, 2015

Location: Madrid, Spain

Prof. T. Magedanz (Fraunhofer FOKUS/TU Berlin) is Chairman of the Research and Development Track

SDN World Series

Informa Mobile Edge Computing Congress

Date: Tue., Sep. 29, 2015 to Wed., Sep. 30, 2015

Location: Kensington Close, London, UK

B. Bochow, M. Corici, T. Magedanz are speakers: "Prototyping MEC-based Applications with the FOKUS Open5GCore within the 5G Playground"

MECC

2nd International Conference on Software Defined and Virtualized Future Wireless Networks (SDWN 2015)

Date: Mon., Oct. 26, 2015 to Tue., Oct. 27, 2015

Location: Roma, Italy

Co-located with the IOT360 Summit. Endorsed by the European Alliance for Innovation (EAI). Paper Submission Due Date: June 30, 2015 Prof. T. Magedanz (Fraunhofer FOKUS/TU Berlin) is TPC member and keynote speaker: "The Role of NFV/SDN in emerging 5G infrastructures"

SDWN

International Summit on Internet of Things (IOT360 2015)

IEEE Conference on Standards for Communication & Networking

Date: Wed., Oct. 28, 2015 to Fri., Oct. 30, 2015

Location: Tokyo, Japan

Prof. T. Magedanz (Fraunhofer FOKUS/TU Berlin) is Demo and Exhibition Chair

IEEE CSCN

UNIFI Workshop

UNIFI - Academic Efforts in Support of Future Internet and 5G Research Agendas

Date: Tue., Nov. 03, 2015 to Wed., Nov. 04, 2015

Location: Fraunhofer FOKUS, Berlin, Germany

UNIFI



Sincerely yours,

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

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