Welcome. Logistics.
Hagen Woesner, EWSDN

The End of the Future (Internet) – with SDN, why is everybody doing IPv4?
Hagen Woesner, EICT/BISDN

SDN Landscape and Challenges
Attila Takacs, Ericsson

Free your middlebox functions down to the data plane with tiny, fast network VMs
Saverio Niccolini, NEC

For detailed instructions on getting to the conference, please see the website of the Commundo Tagungshotel Darmstadt (http://goo.gl/3hCdx).

The registration desk will be open from 8:30 on the first day, October 25th.
Please find the room Bistro 2 at 20:00 on Thursday. Food and drinks are included in the registration fee.

industry track I

SDN for Service Providers. Cisco approach with Multilayer State-full Path Computation Element
Stefano Previdi, Cisco

An SDN Framework
Ken Gray, Juniper

Macroflows and Microflows: Enabling Rapid Network Innovation through a Split SDN Data Plane
Rajesh Narayanan, Dell

industry track II

Software will eat the Network
Antonio Manzalini, Telecom Italia

Use cases for alto with SDN
Diego Lopez, Telefonica

BGP Free Edge – An operator’s perspective on aspects of SDN/OF deployment application
Robert Raszuk, NTT MCL

industry track III

Open Networking Laboratory: Overview and Initiatives
William Snow, On.Lab

SDN: The programmable bit-pipe
Andreas Gladisch, Deutsche Telekom

open session

EWSDN
European Workshop on Software Defined Networks

October 25th - 26th, 2012
Darmstadt, Germany
Welcome to Darmstadt for the first European Workshop on Software Defined Networks

SDN is surely the latest hype in the networking community, and we would like to check the myth and substantiate some of its assumptions.

High flow establishment rates, carrier features and programmability of new matches and actions are still open research topics on the way to a truly programmable network. We hope that EWSDN allows fruitful interaction among participants – both from academia and industry.

The workshop chair – Hagen Woesner
The TPC co-chairs – Jürgen Quittek, Stefano Salsano, Elio Salvadori

Software Defined Wireless Networks: Unbridling SDNs
Salvatore Costanzo, Laura Galluccio, Giacomo Morabito and Sergio Palazzo

Toward Software-Defined Cellular Networks
Li Erran Li, Morley Mao and Jennifer Rexford

OpenFlow and Multi-Layer Extensions: Overview and Next Steps
Meral Shirazipour, Ying Zhang, Neda Baiheshti, Geoffrey Lefebvre and Mallik Tallaparamula

Techno-economic analysis of software defined networking for the virtualization of a mobile network
Bram Naudts, Mario Kind, Fritz-Joachim Westphal, Sofie Verbrugge, Didier Colle and Mario Pickavet

Enabling Future Internet Architecture Research and Experimentation by Using Software Defined Networking
Flavio Silva, Joao Pereira, Pedro Frosi Rosa and Sergio Kofuji

A use-case based analysis of network management functions in the ONF SDN model
Alisa Devlic, Wolfgang John and Pontus Sköldström

Open Hardware and Open Software for SDN

Academic research depends on open hardware and software. This panel is set up to discuss the current status of available switches, controllers, and identify gaps that prohibit progress.

wireless, cellular and multilayer open session

09:30 Opening session
11:15 Coffee break
11:30 Industry track I
13:00 Lunch
14:00 Industry track II
15:30 Coffee break
15:45 Industry track III
16:45 Coffee break
17:00 Wireless, cellular and multilayer
18:30 End

Software-Defined Networking: Experimenting with the control to forwarding plane interface
Evangelos Haleplidis, Spyros Denazis, Odysseas Koufopavlou, Joel Halpern and Jamal Hadi Salm

Christos Argyropoulos, Dimitrios Kalogerias, Georgios Androulidakis and Vasilis Maglaris

Pursuing a Software Defined Information-centric Network
Dimitris Syrivelis, George Parisis, Dirk Trossen, Paris Flegkas, Vasilis Sourlas, Thanasis Korakis and Leandros Tassiulas

Customizing Data-plane Processing in Edge Routers
Fulvio Rizzo and Ivano Cerrato

On QoS Support to Ofelia and OpenFlow
Balázs Sonkoly, András Gulyás, Felicián Németh, János Czentye, Krisztián Kurucz, Barnabás Novák and Gábor Vaszkun

Abstraction through extended VirtuALisation in OpenFlow Networks – AVALON
Pontus Sköldström

Packet-In Message Control for Reducing CPU Load and Control Traffic in OpenFlow Switches
Daisuke Kotani and Yasuo Okabe

A Flexible OpenFlow Controller Benchmark
Michael Jarschel, Frank Lehrieder, Zsolt Magyari and Rastin Prás

OFTEN Testing OpenFlow Networks
Maciej Kuzniar, Marco Canini and Dejan Kostic

A practical experience in designing an OpenFlow controller
Roberto Bifulco, Roberto Canonico, Marcus Brunner, Peer Hasselmeyer and Faisal Mir

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