Message from the EWSDN 2012 Organizers

Software defined networking (SDN) is emerging as a promising architectural solution to support and foster innovation in telecommunication networks. Several switch and router vendors are “opening” their hardware, offering APIs to allow for “software defined” control of the networking operations. The vitality of the SDN approach is witnessed by the release of several SDN tools and development environments, most of which are open sourced.

We organized this first edition of the European Workshop on Software Defined Networks in an attempt to bring together industry and academia on the topics of SDN. The European research projects OFELIA, SPARC, and CHANGE, funded by the EU under the Seventh Framework Programme, provided the ground and contributed to the workshop ideation and realization.

Traditional strengths of European research and development have been in optical transmission and wireless, especially cellular networks. The workshop emphasizes aspects of software defined networks that come up when extending SDN “beyond Ethernet.” In this regard, use of “European” was not meant at all to restrict the workshop to a geographic scope—we welcomed contribution and participation from all over the world.

Looking at the workshop program, we are confident that we have met our goals. We have gathered participation from all over the world. Twenty scientific papers are included in these proceedings. Beyond the 15 papers coming from the regular call for papers, a further 5 papers belong to a special session for the highest ranked proposals in the context of the second open call of the OFELIA project.

The 20 scientific papers come from both academic and industrial research. To strengthen the industrial participation and the cooperation with academia, we have set up an industry track featuring 10 SDN related presentations from leading technology providers and network providers. A panel about open hardware and open software for SDN completes the program.

The paper selection process was carried out with the help of the reviews performed by the Technical Program Committee members. All papers received three independent reviews. We received 24 paper submissions and selected 15 papers. We would like to thank the TPC members for their work. The papers in the special session for OFELIA were reviewed and accepted under the direct responsibility of the TPC co-chairs.

Finally, we would like to thank the industrial sponsors, Deutsche Telekom and Ericsson, for their support.

The single track formula, the location, and the social event will surely favor interaction and stimulate discussions among workshop participants. We really gave our best efforts to set up an interesting event, so we welcome you in Darmstadt and thank you in advance for your participation.

Hagen Woesner
Workshop Chair

Jürgen Quittek, Stefano Salsano, and Elio Salvadori
Technical Program Committee Co-Chairs