

5G IA & 5G PPP push international cooperation and phase 2 projects at premier IEEE 5G World Forum

Santa Clara, 12 July, 2018 – At the first IEEE 5G World Forum, that took place on 9 - 11 July 2018 in Santa Clara, CA, USA, the 5G Infrastructure Association (5G IA) and the 5G PPP played a key role in co-organizing the **Worldwide 5G Industry Fora Session**, and in presenting three Phase 2 Projects, showing demos and contents.

5G IA and IEEE 5G Initiative held a one day Worldwide 5G Industry Fora Session on Monday 9th July – **5G Trends and Collaborations: Regional Visions and Inter-Regional Cooperation Activities** - that gathered 12 high-level speakers and panelists representing major regions and 5G Industry Associations around the world (North America, Europe, Brazil, China, India, Japan, Taiwan), including a keynote from Susan Miller, 3GPP-PCG Chair and CEO, ATIS <http://ieee-wf-5g.org/worldwide-5g-fora-industry-session/>. The European 5G Annual Journal 2018 was distributed at this occasion, meeting great success, <https://5g-ppp.eu/the-european-annual-journal-2018-is-out/>.

IoRL Project (Internet of Radio Light) presented their paper “A 5G Radio-Light SDN Architecture for Wireless and Mobile Network Access in Buildings”.

5G-Xcast Project (Broadcast and Multicast Communication Enablers for the Fifth-Generation of Wireless Systems) organised a special Vertical Session titled “Disrupting Media & Entertainment in the 5G Era”, <http://ieee-wf-5g.org/media-and-entertainment/>.

NGPaaS Project (Next Generation Platform as a Service) showed demos at their Exhibition Booth and organized a Workshop on “5G Cloud Native Design” <http://ieee-wf-5g.org/workshops1/#ws1a>, illustrated by the 5G PPP just published White Paper ‘From Webscale to Telco, the Cloud Native Journey’, <https://5g-ppp.eu/white-papers/>.

Jean-Pierre Bienaimé, Secretary General of 5G-IA, emphasized: “After the successful inter-regional sessions already organized in the two previous Global 5G Events in Seoul, Korea, and Austin, USA, this Worldwide 5G Industry Fora session in Santa Clara gave us the opportunity to listen to advanced presentations of the 5G roadmaps in key regions of the world, in the spirit of alignment towards a global 5G standard and harmonized spectrum bands, but also of specific visions such as rural and remote areas in Brazil and India”.

Adam Kapovits, IoRL Project Coordinator, underlined: “The envisioned Intelligent Home IP Gateway component of the IoRL solution can serve as a neutral host offering service continuity for third party service providers”.

Dr. Belkacem Mouhouche, 5G-Xcast Project Technical Manager, indicated: “Our session brought together industry experts from Nokia, Ericsson and Samsung with keynotes on disruptive immersive media formats which could best utilize the 5G network. Mobile Network Operators are increasingly interested in acquiring media assets, which enable provisioning of new services and act as potentially new revenue streams”.

Bessem Sayadi, NGPaaS Project Coordinator at Nokia Bell Labs, argues:” We must ensure ascending compatibility with the cloud environment in order to design a cloud-native 5G system and benefit from the best technologies from the cloud industry,

essentially today the open source community, including micro-services, the de-facto cloud industrial standard, and more generally the service based architecture, and the most crucial technical assets from 5G-PPP Phase 1 and Phase 2 projects”.

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About the 5G Public-Private Partnership

The 5G Public Private Partnership (5G PPP) is the 5G collaborative research program that is organized as part of the European Commission’s Horizon 2020 program – The European Union Program for Research and Innovation. It is aimed at fostering industry-driven research, monitored by business-related, technological performance and societal KPIs. The 5G PPP will deliver solutions, architectures, technologies and standards for ubiquitous next-generation communication infrastructure over the coming decade. www.5g-ppp.eu

For more information about the 5G PPP initiative achievements, projects and forward-looking plans, download The European 5G Annual Journal, 2018: www.5g-ppp.eu/annual-journal/

About the 5G Infrastructure Association

In the 5G PPP, the 5G Infrastructure Association (5G IA) represents the private side and the European Commission the public side. The 5G IA is committed to the advancement of 5G in Europe and to building global consensus on 5G. To this aim, the Association brings together a global industry community of telecoms & digital actors, such as operators, manufacturers, research institutes, universities, verticals and SMEs. The 5G IA carries out a wide range of activities in strategic areas including standardization, frequency spectrum, R&D projects, technology skills, collaboration with key vertical industry sectors, notably for the development of trials, and international cooperation.