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Dr. Renwei (Richard) Li is Chief Architect of Future Networks, Huawei USA and serves as Vice Chair of NGP ISG, ETSI (Next-Generation Protocols Industry Specification Group, European Telecommunications Standards Institute). He is an architect, technologist, designer, and engineer. His current interests include next-generation network architectures, technologies, protocols, solutions, and software for the year 2020 and beyond with the goal of building a better and more efficient Internet for future applications and life. Most recently, he founded and built the IP Innovation and Competence Center for Huawei USA, now known as IP Lab, for which

he served as the Head and Technical Lead until September 2014.

Richard is an inventor with more than 60 US patents (including pending ones), an author of more than 40 research papers, and a contributor to 15 IETF drafts or RFCs. At Huawei, he spearheaded the invention and development of Cloudcasting for cloud-centric networks, RaaS (Routing as a Service) as a pre-SDN architecture and technology for internet, URF (United Router Farm) for constructing advanced, high-end routers from cost-effective ones, OO-ISSU (Object-Oriented In-Service Software Upgrade), TTZ (Topology-Transparent Zoning) as a virtualization technology for internet topology reduction and scaling, A*+ (Heuristically Large-Scale and High-Performance MPLS Traffic Engineering Algorithms), Efficient Re-Convergence Technology for BGP Routes Withdrawal, Receiver-Driven RSVP-TE, Multicasting MPLS and VPN, MPLS Extensions for MPLS and VXLAN Interconnects, and among many others.

Richard is a frequent keynote speaker, panelist, and technical contributor at numerous conferences and workshops. He has also served on various conference organization committees and advisory boards. A firm believer in collaborations among academia, research, industry, and standards development bodies, he currently serves as the Vice Chair of NGP ISG of ETSI and promotes the standardization of next-generation network architectures, technologies, and protocols.

Richard shares the same vision with and supports efforts by International Academy, Research and Industry Association (IARIA). He joins IARIA as a technical presenter, keynote speaker, panelist, and moderator on IARIA's panel and serves as advisor for IARIA's journal. In 2016, he won the IARIA Best Paper Award for his contributions to Network Virtualization and Cloud. Looking forward, Richard and his colleagues hope to further collaborations between IARIA and Huawei, particularly on Huawei's Network 5.0 Research Program. He believes that IARIA is a top forum to bridge the gap between academia, research, and the industry.

Before joining Huawei in 2007, Richard worked at Cisco and Ericsson, specializing in routers, switches, and network operating systems. He received his Ph.D. from Instituto Superior Técnico, Universidade de Lisboa, Lisbon, his Master's and Bachelor's degrees from Southeast University, Nanjing.