Symposium Keynote Speaker

Human-Centric Innovation

Rod Naphan is CTO & SVP of Solutions, Planning, and Portfolio Management at Fujitsu Network Communications, Inc. He is the architect of the Fujitsu vision and portfolio for communications network solutions. Rod's organization engages the industry, imagines the possibilities, and defines future products and solutions.

Rod has broad experience in planning, developing and promoting networking platforms. Over 25 years in the communications industry, he has held various hands-on leadership roles in software and systems design engineering, program management, and product line management across several generations of industry-leading communications equipment and software solutions. Prior to joining Fujitsu, Rod worked as a software engineer at Bell Northern Research in Ottawa, Ontario, Canada.

Rod serves on the Board of Directors for ATIS (Alliance for Telecommunications Industry Solutions) and ONOS (Open Network Operating System, an open source software project), and on technical advisory boards for CIAN (Center for Integrated Access Networks, a National Science Foundation (NSF)-funded university research center of excellence) and for device technology companies.

Rod holds a B.Sc. (Honors) in Computing and Computer Electronics from Wilfrid Laurier University, and a M.Sc. in Systems Design Engineering from the University of Waterloo in Ontario.

Abstract

Paradigms in networking innovation have evolved from computer-centric productivity, through network centric business processes, to an emphasis on supporting human activity. In the current era, innovation is inspired by human interaction with networked technologies for personal, social, and environmental benefit to society. Wireless mobile networks liberate human location, interface, and temporal consumption of network-delivered content and services. We are on the precipice of a 10x increase in connected devices (the Internet of Things), and the convergence of cloud and network service models. Information generated by all of these activities produces unprecedented amounts of data and abundant opportunities for analytics. As human innovation continues to exert more dynamic demands on networks, network technology must grow in intelligence and automation to respond. Across the communications industry, this is driving investment in transformation, which creates exciting new challenges and opportunities for young engineers to shape the future for a human-centric intelligent society.

About Fujitsu Network Communications Inc.

Fujitsu Network Communications, Inc. is a trusted partner to a broad spectrum of customers across all industries, enabling them to realize the maximum value from their communications networks. We are a market-leading US-based manufacturer of network equipment and a top US patent-holder in optical networking technology. We combine the best wireline, wireless, and software technology with extensive multivendor services expertise to deliver custom, end-to-end network integration and management solutions. For more information, please see: http://us.fujitsu.com/telecom.

Rod Naphan

CTO & SVP of Solutions & Portfolio Planning

Fujitsu Network Communications, Inc.