

## Dr. Lara Srivastava

Head of New Initiatives and Emerging Technology, Standardization Bureau, ITU



With a diverse professional background spanning the public sector, business and academia, Dr. Lara Srivastava has been monitoring and analyzing new technologies and their impact on telecom regulation, economics and market structure for over 20 years. She is currently Head of New Initiatives and Emerging Tech at ITU's Standardization Bureau, which deals with topics ranging from artificial intelligence and machine learning to future networks, intelligent transport and blockchain.

At ITU, she previously managed the organization's first technology foresight program, during which she initiated work on the Internet of Things, as lead author of the 2005 landmark international report on the IoT.

She is a qualified Canadian lawyer, holds a Juris Doctor (JD) in media & telecommunications law, an MSc in Technology Policy and a PhD in Technology Design and Innovation (with a focus on smart homes and assisted living for the elderly).

She began her career in the industry at the CRTC (Canada's broadcasting and telecoms regulator) before pursuing media and telecoms consulting with Analysys Mason. She has worked with the World Bank and tried her hand at internet start-ups in the ASP and digital identity spaces. She has also taught at various universities on subjects ranging from media law and regulation to communications strategies, and film theory.

### Digital Health Transformation: AI and Machine Learning for Better Care

It is hardly overstating it to say that recent developments in information and communication technologies have been transformational in nature, across industries and contexts. From smartphone apps and self DNA testing to big data and robotics, technology mediates every aspect of our daily life, and caters (for better or for worse) to our mental, emotional and physical needs. The advent of AI and machine learning is heralding the dawn of a new age of healthcare, for care providers and patients alike. This presentation provides a backdrop of these technological developments, their usefulness and applications, and the challenges they pose in the area of health care. Attention is drawn to the importance of collaboration and coordination across the IT and health sectors, as well as the need for a broad discussion on policy and ethics in innovation.