

Brief Bio

Dr Shoumen Palit Austin Datta is a Senior Member of the MIT Auto-ID Labs, Research Affiliate at the Department of Mechanical Engineering, School of Engineering, MIT (<http://autoid.mit.edu/people-2>) and Senior Scientist, MDPnP Lab, at the Massachusetts General Hospital, Harvard Medical School (<http://mdpnp.mgh.harvard.edu>). He is the former Co-Founder and Executive/ Research Director of the MIT Forum for Supply Chain Innovation (2001-2010) at the MIT School of Engineering. A former Member of the Auto ID Center at MIT (1999-2003), MIT Data Center (2004-2006) and MIT Energy Initiative (2008-2009). As a Research Scientist in the Engineering Systems Division, MIT School of Engineering, he explored technology innovation, RFID, IoT, supply chain, data analytics and confluence of solutions in verticals. He has taught Supply Chain, Strategy and Management at the MIT Sloan School of Management. He has offered executive education courses at MIT and several other institutions in US, EU and APAC. He is the former founding Senior Vice President for the Industrial Internet Consortium (IIC) and Senior Vice President at the Object Management Group (OMG). His engagement with the MDPnP Program at Massachusetts General Hospital, Harvard Medical School is aimed at convergence of medical device interoperability with security and emerging tools from medical CPS and medical IoT. He is interested in IoT/IIoT as a design metaphor and promoting the vision of the internet of systems (IoS) which extends ubiquitous connectivity, including the industrial internet, to catalyze global economic growth. He has authored papers and articles related to evolution of the industrial internet (2003), intelligent software agents (2001), framework for predictive analytics, general operations and supply chain management, sensors in healthcare platforms, renewable energy and various forms of digital transformation the global economy may experience. He has served as advisor for corporations and governments including US Department of Defense, United Nations (UNDP), World Customs Organization (WCO), President's Science and Technology Advisory Group (PSTAG) for the President of Taiwan (ROC). Dr Datta attended the University of Pittsburgh (PA) and earned his PhD from UMDNJ Rutgers University School of Medicine in collaboration with Department of Molecular Biology at Princeton University. He was a Research Fellow in Medicine (Thyroid Lab, Neuro-Endocrine Lab, Molecular Oncology) at the Massachusetts General Hospital and Instructor in Medicine at Harvard Medical School. He was a Research Associate at the Whitehead Institute at MIT and member of the MIT Human Genome Project. He was a Research Scientist at University of California UCSF School of Medicine, San Francisco, California. Dr Datta has served the public sector to improve education and technology as Special Assistant to the City & County of San Francisco, California; Science Education Partnership at UCSF School of Medicine; Berkeley Pledge initiative at the University of California, Berkeley and Chair of the National Task Force on Education, Workforce and Technology sponsored by ITAA, US Department of Commerce and The White House Council of Economic Advisers. For additional details please visit <http://autoid.mit.edu/> <https://autoid.mit.edu/shoumen-datta> & <http://mdpnp.mgh.harvard.edu> ▪ For publications MIT Library <http://bit.ly/MIT-SD> and <http://bit.ly/IOT-MIT> or <http://bit.ly/MIT-IOT> ▪ CV <http://bit.ly/SD-CV-2017> Email shoumen@mit.edu and sdatta8@mgh.harvard.edu See list • <https://scholar.google.com/citations?user=xAnvDEAAAAAJ&hl=en&oi=ao>