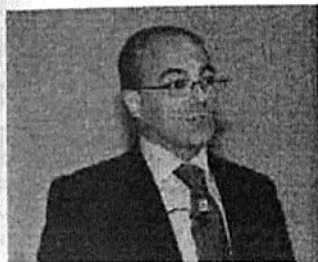# Cyber-Human Partnerships – Engineering the fabric of IoT, People and Systems

Schahram Dustdar
TU Wien, Austria

Abstract— In this talk I will explore the integration of people, software services, and things with their data, into one novel resilient ecosystem, which can be modeled, programmed, and deployed on a large scale in an elastic way. This novel paradigm has major consequences on how we view, build, design, and deploy ultra-large scale distributed systems and establishes a novel foundation for an "architecure of value" driven Smart City.

CURRICULUM VITAE

Schahram Dustdar is Full Professor of Computer Science and head of the Distributed Systems Group at the TU Wien, Austria. From 2004-2010 he was also Honorary Professor of Information Systems at the Department of Computing Science at the University of Groningen (RuG), The Netherlands. From Dec 2016 until Jan 2017 he was a Visiting Professor at the University of Sevilla, Spain and from January until June 2017 he was a Visiting Professor at UC Berkeley, USA. He is co-Editor-in-Chief of the new ACM Transactions on the Internet of Things as well as Editor-in-Chief of Computing (Springer). He is Associate Editor for multiple IEEE and ACM journals. Dustdar is recipient of the ACM Distinguished Scientist award (2009), the IBM Faculty Award (2012), an elected member of the Academia Europaea: The Academy of Europe, where he is chairman of the Informatics Section, as well as an IEEE Fellow (2016).