Tuesday 18.09

09:30	IFIP IoT, session chair: Leon Strous, The Netherlands • **Invited speaker**: Kees van der Klauw, President of AOITI, The Netherlands **The Internet of Things is hardly about technology** *How it impacts society, business and professions* While the Internet of Things is enabled by technological advancements in computing, communications and data storage, the success of its applications will largely depend on non-technical matters. Acceptance of use-cases by end users, trust in systems and organisations and redistribution of value in changing business models are just a few examples. Increasingly those aspects become important design factors in the architecture of IoT. What does that mean for professionals in information technology in the future? • **Facilitating Factors for The Implementation of Internet of Things: a Public Sector Perspective**, Ott Velsberg, Sweden
11:00	Coffee break
11:30	WCC 2018 Opening
12:00	• **Keynote**: **Prof. Wil van der Aalst** **Responsible Data Science in a Dynamic World**
13:00	Lunch break
14:30	IFIP IoT, session chair: • **IFIP Position Paper on IoT – presentation and panel discussion** There are many aspects to be looked at when talking about IoT. IFIP contributes to the discussion by investigating what choices can and should be made regarding these various aspects. And by addressing the question what choice various stakeholders should have. IFIP's position on some major questions and choices is presented, followed by a discussion with the participants. Panel members: tbd (from an individual perspective: an ICT professional and a user) (from an organization perspective: representatives from the ICT Industry, a user organization and from an authority / regulator)
16:00	Coffee break
16:30	IFIP IoT, session chair: • **Strategies for Reducing Power Consumption and Increasing Reliability in IoT** Ricardo Reis, Brazil • **An Internet of Things (IoT) Model for Optimising Downtime Management: A Smart Lighting Case Study** Brenda Scholtz, Mando Kapeso and Jean-Paul Van Belle, South Africa • **IoT Enabled Process Innovation: Exploring Sensor-based Digital Service Design Through an Information Requirements Framework** Jesper Svensson, Niclas Carlén, August Forsman and Johan Sandberg, Sweden
18:00	End

Wednesday 19.09

09:30	IFIP IoT, session chair: • **An Internet of Things Based Platform for Real-Time Management of Energy Consumption in Water Resource Recovery Facilities** Mário Nunes, Rita Alves, Augusto Casaca, Pedro Póvoa and José Botelho, Portugal • **A New Reconfigurable Architecture with Applications to IoT and Mobile Computing** Amir Masoud Gharehbaghi, Tomohiro Maruoka and Masahiro Fujita, Japan • **Unrestricted Sensors: A Hidden Privacy Threat in the Internet of Things** Jacob Kröger, Germany
11:00	Coffee break
11:30	• **Keynote: Dr. Jan Camenisch** **The Pros and Cons of Blockchain for Privacy**
12:30	Lunch break
14:00	IFIP IoT, session chair: • **Issues in Implementing a Data Integration Platform for Electric Vehicles using the Internet of Things** Martin Smuts, Brenda Scholtz and Janet Wesson, South Africa • **Sailing around IoT Roadblocks: Container Shipping 3.0 for Maersk** Rasmus Ulslev Pedersen, Denmark • **Working with IoT - A Case Study Detailing Workplace Digitalization Through IoT System Adoption** Viktor Mähler and Ulrika Holmström Westergren, Sweden
15:30	Coffee break
16:00	IFIP IoT, session chair: • **Opportunities for the Internet of Things in the Water, Sanitation and Hygiene Domain** Paula Kotzé and Louis Coetzee, South Africa • **Internet of Things: The present status, future impacts and challenges in Nigerian Agriculture** Funmilayo Bamigboye and Emmanuel Ademola, Nigeria • **IoTutor: How Cognitive Computing Can Be Applied to Internet of Things Education** Suejb Memeti, Sabri Pllana, Mexhid Ferati, Arianit Kurti and Ilir Jusufi, Sweden
17:30	End
19:00	Congress dinner