

DAY 2: ICT in business and society — Tuesday 20 March 2018

09.00-09.30	<i>Waking up:</i> with Coffee & Tea — THEATERFOYER —					
09.30-09.35	<i>Welcome chair of the day:</i> Peter Schwabe — THEATERZAAL —					
09.35-09.40	Dutch Digital Delta — René Penning de Vries , figurehead Team ICT					
09.40-09.55	Commit2data – Boudewijn Haverkort , team ICT					
09.55-10.40	Streaming the streamlines: how to get information from underwater and how to make sense of it – Maarja Kruusmaa — Tallin University of Technology					
10.40-10.45	Opening Meet the Demo session by Herry Nijhuis — Director NWO Domain Applied and Engineering Sciences					
10.45-11.05	<i>Coffee break en opening meet the Demo sessie</i>					
ROOM	PANORAMA LOUNGE	FOYER 2ND BALCONY	FOYER 1ST BALCONY	THEATERZAAL	ROOM 1	ROOM 2
11.05-12.30	<p><i>Health</i> Marleen de Bruijne</p> <p><i>Morning Session chairs:</i> Tanja Alderliesten & Marleen de Bruijne</p> <p>11:10-11:55 <i>Invited talk</i> Wessel Kraaij (TNO/LIACS) From personal health data to a personalized advice</p> <p>11:55-12:10 Florian Dubost, Gerda Bortsova, Hieab Adams, M. Arfan Ikram, Wiro Niessen, Meike Vernooij & Marleen de Bruijne (Erasmus MC) GP-Unet: Lesion Detection from Weak Labels with a 3D Regression Network</p> <p>12:10-12:25 H. Simon Garcia Caballero, Alberto Corvo, Prabhakar M. Dixit & Michel A. Westenberg (Eindhoven University of Technology) Visual Analytics for Evaluating Clinical Pathways</p>	<p><i>Smart Industries</i> Bayu Jayawardhana</p> <p>11:10-11:30 Egbert-Jan Sol (TNO Industry /Programma bureau Smart Industry) Smart Industry 2018, the route, the roadmap and the implementation agenda</p> <p>11:30-11:50 Jan Post (Philips & University of Groningen) Smart Industry towards the digital twin</p> <p>11:50-12:20 Biba Visnjicki & Jonas Dorißen (Fraunhofer Institute for Production Technology IPT, Aachen) Industry 4.0: Adaptive Connected Production</p> <p>12:20-12:30 <i>Panel discussion with speakers</i></p>	<p><i>Internet of Things</i> Lea Milovich</p> <p>11:05-11:30 <i>Invited talk</i> Wilco Bonestroo (University of Applied Sciences Saxion) Location of Things (and People)</p> <p>11:30-12:00 <i>Invited talk</i> Gerd Kortuem (Delft University of Technology) The Internet of Things as Creative Design Material</p> <p>12:00-12:30 <i>Invited talk</i> Kallos Das (TNO) 5G For factories of the future</p>	<p><i>Joined track by ASCI, IPA, SIKS</i> Michel Westenberg (ASCI), Anton Wijs (IPA), Menno van Zaanen (SIKS)</p> <p>11:10-12:00 <i>SIKS</i> — Bert De Brock (Towards a theory about Incremental development of information systems) — Kalliopi Zervanou, Wouter Klein, Peter van den Hooff, Frans Wiering & Toine Pieters (Time Capsule: Modelling multi-disciplinary knowledge for a research platform in early modern pharmacy and botany) — Davide Ceolin, Lesia Lesia Tkacz, Robin Sharma & Chantal van Son (Bursting the Bubble with a Needle from the Haystack) — Jasper Pardijs & Davide Ceolin (LyricalPalette: A Support System for Writing Lyrics Centred on Sentiment) — Dana Hakman, Cérisse Muller, Victor de Boer & Petra Bos (UX Challenges of information organisation: the assessment of language impairment in bilingual children)</p> <p>12:00-12:30 <i>ASCI</i> — Martijn de Vos & Johan Pouwelse (A Blockchain-based Micro-Economy of Bandwidth Tokens) — Quinten Stokkink, Johan Pouwelse & Dick Epema (Self-Sovereign Identity in the Blockchain age) — Wouter van Toll, Roy Triesscheijn, Marcelo Kallmann, Nuria Pelechano, Ramon Oliva, Julien Pettre & Roland Geraerts (A Comparative Study of Navigation Meshes)</p>	<p><i>Cybersecurity</i> Zeki Erkin</p> <p>11:05-11:10 <i>Opening by Zeki Erkin</i></p> <p>11:10-11:30 Veelasha Moonsamy (Utrecht University) No Free Charge Theorem: a Covert Channel via USB Charging Cable on Mobile Devices</p> <p>11:30-11:50 Thomas Hupperich (University of Twente) Digital Fingerprinting of Devices for System Recognition</p> <p>11:50-12:00 <i>Plenary interview about their views on Cyber Security and their research</i> Eveline Vreede & Zeki Erkin</p> <p>12:00-12:05 <i>Introduction CSng Best Master Thesis Award</i> Andreas Peter</p> <p>12:05-12:15 <i>Presentation 1 Best Cyber Security Master Thesis</i></p> <p>12:15-12:25 <i>Presentation 2 Best Cyber Security Master Thesis</i></p> <p>12:25-12:30 <i>Award Ceremony CSng Best Cyber Security Master Thesis & announcement of follow-up in break (see below)</i> Andreas Peter</p>	<p><i>Cross-sectorale big data challanges: Commit2Data en VWData</i> (until 12:45) Tijs Wilbrink (<i>moderator</i>)</p> <p>11:05-11:10 <i>Introduction</i> Boudewijn Haverkort (Commit2Data)</p> <p>11:10-11:25 <i>Presentation</i> Sandjai Bhuali (VU)</p> <p>11:25 -11:40 Gilbert Westdorp (RWS) Energy as indicator of the health of infrastructure</p> <p>11:40-11:50 <i>Discussion on priorities and data needs</i> (<i>moderator: Tijs Wilbrink</i>)</p> <p>11:50-11:55 <i>Transition to VWData</i> Inald Legendijk (<i>moderator</i>)</p> <p>11:55-12:00 <i>Introduction by Inald Legendijk</i> (TU Delft)</p> <p>12:00-12:15 Andre Dekker (UM) Big Data for Better Care</p> <p>12:15-12:30 Marc Steen (TNO) Agency, Transparency and Accountability</p> <p>12:30-12:45 Georgios Stathis (UL) The Shock of LegalTech</p>
12.30-13.45	<i>Lunch: Poster Session Speeddates Sessions Information Stands:</i> NWO, IPN and Commit2data					
13.45-15.25	<p><i>Afternoon Session chairs:</i> Peter van Ooijen & Marleen de Bruijne</p> <p>13:45-14:25 <i>Invited talk</i> Peter Bosman (Center for Mathematics and Computer Science) Evolutionary Intelligence in Medicine</p> <p>14:25-14:40 Veronika Cheplygina, Pim Moeskops, Mitko Veta, Behdad Dashtbozorg & Josien Pluim (Eindhoven University of Technology) Similarity of medical imaging datasets</p> <p>14:40-14:55 Alberto Corvo, Marc A. van Driel & Michel A. Westenberg (Eindhoven University of Technology) A visual analytics tool for pathology diagnosis and reporting</p> <p>14:55-15:10 Raoul Nuijten, Pieter Van Gorp, Karlijn Van Den Dungen, Uzay Kaymak, Pascale Le Blanc & Frans Dijkstra (Eindhoven University of Technology) Applying gamification to improve quality of life</p> <p>15:10-15:25 Bojan Simoski, Michel Klein, Aart T. van Halteren & Henri Bal (Vrije Universiteit Amsterdam) Real Life Social Support in mHealth Physical Activity Interventions</p>	<p>13.45-14.15 Frank Zijlstra, Peter Seevinck (UMC Utrecht, Image Sciences Institute) Accelerating mass personalization in orthopedics facilitated by machine learning and bone MRIbased digital fabrication</p> <p>14.15-14.45 Ion Barosan (TU Eindhoven) A New Perspective for Automotive and Smart Buildings</p> <p>14.45-15.15 Martijn Dresscher, Bayu Jayawardhana, Pietro Tesi (University of Groningen) Integrating models and real-time data for zero-defect manufacturing control systems</p> <p>15.15-15.25 <i>Discussion</i></p>	<p>13:45-14:15 <i>Invited talk</i> Fatjon Seraj (University of Twente) Road safety estimation: A crowd-based approach</p> <p>14:15-14:45 <i>Invited talk</i> Fernando Kuipers (Delft University of Technology) Evaluating LoRaWAN</p> <p>14:45-15:15 <i>Invited talk</i> Janine Swaak (Twente 47 IOT ACCELERATOR) Internet of things business opportunities: from opportunity to business</p> <p>15:15-15:25 <i>Discussion</i> (led by Lea Milovich)</p>	<p><i>ICT with Industry</i></p> <p>13:45-13:50 <i>Welcome</i></p> <p>13:50-14:05 Dani van der Meer (EagleVision Systems BV) Deep learning for visual verification</p> <p>14:05-15:20 Klaas Andries de Graaf (TNO/Océ) Architecting support using system architecture knowledge graphs and expert systems by</p> <p>14:20-14:35 Jaap Gordijn (Triodos Bank) An eco-system for a multi-company blockchain with an alternative currency case presentation by</p> <p>14:35-14:50 <i>Blendle: Personalized news selection</i></p> <p>14:50-15:15 <i>Plenary QA and discussion</i></p> <p>15:15-15:20 <i>Announcement of next ICT with Industry call for proposals</i></p> <p>15:20-15:25 <i>Lorentz Centre pitch</i></p>	<p><i>Cybersecurity</i> (until 15.45) <i>Theme: On the Cutting-edge of innovation in Cyber Security research</i></p> <p>13:45-13:50 <i>Welcome word</i> Zeki Erkin</p> <p>13:50-14:40 <i>Keynote</i> Kouichi Sakurai (Kyushu University) Power and limitation of Adversarial Machine Learning and their consequences</p> <p>14:40-14:45 <i>Introduction Cyber security Research Paper top five</i> by Jan-Piet Barthel</p> <p>14:45-14:55 <i>Presentation 1 Best Cyber Security Research Paper</i> — 14-55-15:05 <i>Presentation 2 Best Cyber Security Research Paper</i> —</p> <p>15:05-15:15 <i>Presentation 3 Best Cyber Security Research Paper</i> — 15:15-15:25 <i>Presentation 4 Best Cyber Security Research Paper</i> — 15:25-15:35 <i>Presentation 5 Best Cyber Security Research Paper</i></p> <p>15:35-15:40 <i>Award Ceremony dcypher Best Cyber Security Research Paper</i> Jan Piet Barthel</p> <p>15:40-15:45 <i>Closing</i> Zeki Erkin</p>	<p><i>In and around Commit2Data: Sport, Tourism and More</i> (chair Joost Kok (UL))</p> <p>13:45-13:50 <i>Welcome by</i> Joost Kok</p> <p>13:50-14:10 <i>Presentation by</i> Mathijs Hofmijster (VU) Better performance through clever use of Data in Elite Sports</p> <p>14:10-14:30 Arie-Willem de Leeuw (UL LIACS) Golden Standard: Data Analysis at the European Football Championship for Women</p> <p>14:30-14:35 Joost Kok (UL) Sport Data Valley</p> <p>14:35-15:25 <i>Moderator</i> Boudewijn Haverkort</p> <p><i>Pitches:</i> Rianne Schouten (UU) Handling Missing data in Data Science</p> <p>Antonio Pereira Barata et al. (UL LIACS) Data-driven Risk Assesment in Infrastructure Networks — Ali Hürriyetoğlu et al. (CBS) Using Web Based Big Data for Detecting Tourist Interests in Limburg — Elena Lazovik (TNO) Ecida</p>
15.25-15.45	<i>Coffee break</i>					
15.45-15.55	Presentation of Survey ICT-research at Universities of Applied Science (handed over by Geleen Meijer)					
15.55-16.50	The Dutch Prize for ICT Research 2018 Award Ceremony (handed over by Louise Gunning)					
16.50-17.15	Poster and Meet the demo award ceremony, closing ceremony					
17:15-18:15	<i>Drinks</i>					