

DAY 1: Tuesday 21 March 2017

9:00-10:00	Registration open					
10:00-10:05	Chair of the day: Ana Lucia Varbanescu — Welcome by: Mark van den Brand (Chair of ICT.OPEN committee) — THEATERZAAL —					
10:05-10:50	Keynote speaker: Barbara Terhal Quantum Computing — THEATERZAAL —					
10:50-11:00	Introduction by: Arian Steenbruggen , director NWO Domain Science and Herry Nijhuis director NWO Domain Applied and Engineering Sciences — THEATERZAAL —					
11:00-11:05	Opening: Meet the Demo — THEATERZAAL —					
11:05-11:35	Coffee break & Meet the Demo					
ROOM	PANORAMA LOUNGE	FOYER 2ND BALCONY	FOYER 1ST BALCONY	THEATERZAAL	ROOM 1	ROOM 2
Parallel Tracks	Integrated Systems and Circuits (by ProRISC)	Semiconductor Advances for Future Electronics and Sensors (by SAFE)	Embedded Systems (by PROGRESS)	Computer Science (joined session by ASCI, IPA, SIKS)		
11:35-11:45	Opening track: Peter Baltus	Opening track: Paddy French	Opening track: Henk Corporaal	Opening track: Paola Grosso, Michel Reniers, Geert-Jan Houben		Quantum Computing Introduction by: Kareljan Schouten (QuSoft)
11:45-12:10	Yuanching Lien , (University of Twente) SAW-Less LTE Radio Receiver Exploiting Improved N-path Filtering techniques	<i>Invited speaker: Gijs Krijnen</i> (University of Twente) Carbon-based Nano-materials for Micro Electronic Devices	<i>Invited speaker: Orlando Moreira</i> (Intel) Software Development Tools for Embedded Systems: the Challenge of Going from Research to Development	<i>Invited speaker: Bart Jacobs</i> (Radboud University Nijmegen) ICT and Politics		3x 25 minuten: Chris Schaffner (UvA/QuSoft) Stacey Jeffery (CW/QuSoft) Stephanie Wehner (Delft University of Technology)
12:10-12:35	Bindi Wang , (Eindhoven University of Technology) 60GHz LNA Design for Phased Array System					
12:35-13:00	Flash presentations	Shivani Joshi , (Delft University of Technology) Investigation of Grass-like Polyimide Residues Post Dry Etching in O2 Plasma	Flash Presentations	Bram van der Sanden et al., (Eindhoven University of Technology) Compositional Specification of Functionality and Timing of Manufacturing Systems — Martijn Goorden et al. (Eindhoven University of Technology) Dependency Structure Matrices for Structuring Multilevel Discrete-Event Systems		
13:00-14:30	Lunch: Poster & Meet the Demo, Speeddate sessions — Information stand NWO and IPN — THEATER FOYER —				<i>Theme session: Peaks in Dutch Cyber Security Research</i> (by NWO and Dcypher)	
14:30-14:55	<i>Invited Speaker: Bram Nauta</i> (University of Twente) Modern Wireless Receiver Techniques	Manvika Singh , (Delft University of Technology) Electric Actuation and Read-out of Graphene Based Squeeze Film Pressure Sensors	Amit Kulkarni , (Ghent University) Enabling HPC Applications through Virtual Coarse Grain Reconfigurable Arrays	Hans L. Bodlaender et al., (Eindhoven University of Technology) Subexponential, Time Algorithms for Subgraph Isomorphism on Planar Graphs Tessel Bogaard , (CWI Centrum Wiskunde & Informatica) A metadata Level Log Analysis of a Digital Library — Tobias Kuhn , (VU University Amsterdam) Genuine Semantic Publishing	Opening session by Zeki Erkin , chair 14.30–14.35 hrs ICT.OPEN Call for Abstract-presentations Cyber Security 3 presentations introduced by Joep van Wijk Reliably Determining Data Leakage in the Presence of Strong Attackers — Riccardo Bortolameotti et al. The Insider Threat: What can dependencies in a JavaScript ecosystem teach us about security? — The Insider Threat: What can dependencies in a JavaScript ecosystem teach us about security? — Joseph Hejderup et al. Determining the effectiveness of countermeasures against cyber attacks — Ralph Koning et al. <i>DCSRP Award 2017</i> presentations of 3 nominated papers selected by international scientific jury introduced by Jan Piet Barthel 15.00–15.40 hrs <i>BCMT Award 2017</i> presentations of 2 nominated master theses introduced by Nicola Zannone 15.40–16.05 hrs Round-up by Zeki Erkin 16.05–16.10 hrs	
14:55-15:20		Angel Savov , (Delft University of Technology) Integration of Capacitive Micromachined Ultrasound Transducers (CMUTs) on Through-Silicon Via (TSV) substrate	Mark Wijtvet , (Eindhoven University of Technology) Coarse Grained Reconfigurable Architectures in the Past 25 Years: Overview and Classification	Sepideh Mesbah , (Delft University of Technology) Semantic Annotation of Data Processing Pipelines in Scientific Publications — Jeroen Linszen , (University of Twente) R3D3: the Rolling Receptionist Robot with Double Dutch Dialogue — Oana Inel , (Vrije Universiteit Amsterdam) DIVE+: Explorative Search for Digital Humanities in CLARIAH Media Suite Kim Schouten , (Erasmus University Rotterdam) Ontology-Driven Aspect Detection for Sentiment Analysis — Astrid van Aggelen , (Centrum Wiskunde & Informatica) Combining Distributional Semantics and Structured Data to Study Lexical Change — Nicolae Vladimir Bozdog et al., (Vrije Universiteit Amsterdam) Human-centric Sensing in the Internet of Things — Martijn de Vos , (Delft University of Technology) TrustChain: Building Trust with Distributed Ledgers		
15:20-15:45	Daniel Kraak , (Delft University of Technology) Mitigation of Sense Amplifier Degradation Using Input Switching	Zhan Gao , (Eindhoven University of Technology) Testing for Intra-Cell Defects for Advanced Technology Libraries	Luuk Oudshoorn , (University of Twente) Propagation of Delay in Probabilistic CMOS systems			
15:45-16:10	Hadi Ahmadi Balef , (Eindhoven University of Technology) Variations-Resilient System Design Based on Chip Health Monitoring	Gerjan Wolterink , (University of Twente) Towards 3D-Printing of Soft sEMG Sensing Structures	Savvas Sioutas , (Eindhoven University of Technology) Extending Halide with Non-temporal Instructions to Reduce Cache Pollution			
16:10-16:30	Break — Poster & Meet the Demo — THEATER FOYER —				<i>Theme session: Machine Learning</i>	
16:30-16:55	Maoqiang Liu , (Eindhoven University of Technology) An Energy-Free Swap-to-Reset Scheme for SAR ADCs	<i>Invited speaker: Sten Vollebregt</i> , (Delft University of Technology) Carbon-based nano-materials for microelectronic devices	Joost Hoozemans , (Delft University of Technology) VLIW-based FPGA Computation Fabric with Streaming Memory Hierarchy for Medical Imaging Applications	<i>Invited speaker: Bert Kappen</i> (Dutch Foundation Neural Networks) 16.30–17.15 hrs.	<i>Introduction Keynote Speaker, Zeki Erkin</i> , chair 16.30-16.35 hrs Privacy-preserving identity management and authentication: Blockchain and beyond Maria Dubovitskaya (IBM Research-Zurich) AWARD CEREMONY 2017 17.15–17.50 hrs. Announcement Cybersecurity nominee Poster Award ICT.OPEN 2017 Hand-over DCSR Award 2017 + IBM Bonus Cheque 2017 Hand-over BCMT Award 2017 Closing remarks, Zeki Erkin , chair 17.50–17.55 hrs	
16:55-17:20	Ibrahim Bilal , (University of Twente) A New Communication Scheme Based on Transmit-reference		<i>Invited speaker: Kerstin Eder</i> , (University of Bristol) Whole Systems Energy Transparency/More Power to Software Developers!	Machine Learning (until 18.15 hrs.) — Yanming Guo , (Leiden Institute of Advanced Computer Science) Bag of Surrogate Parts: One Inherent Feature of Deep CNNs — FlorianDubost et al., (Erasmus Medical Center) 3D Regression Neural Network for the Quantification of Enlarged Perivascular Spaces in Brain MRI — David M.J. Tax , (Delft University of Technology) Class-dependent, Non-convex Losses to Optimize Precision — Wouter Kouw , (Delft University of Technology) Variance Reduction Techniques for Importance-weighted Cross-validation — <i>Invited speaker: Ramon Schiffelers</i> (ASML) Model Driven Development of TWINSCAN software, but not from scratch!	Business, start-ups and Innovation (by Microsoft, IBM and Schubergh Philis)	
17:20-17:55	Marco Fattori , (Eindhoven University of Technology) A High-Speed Large-area Pressure Sensor Matrix on Foil	Jan-Patrick Kalckhoff , (TU Hamburg) Impedance Spectroscopy Measurement of Ionic Solutions in order to Distinguish between Different Ions				
17:55-18:45	Drinks — THEATER FOYER —					
18:45-21:45	Dinner & Entertainment featured by Casual Casino — AFASZAAL —					

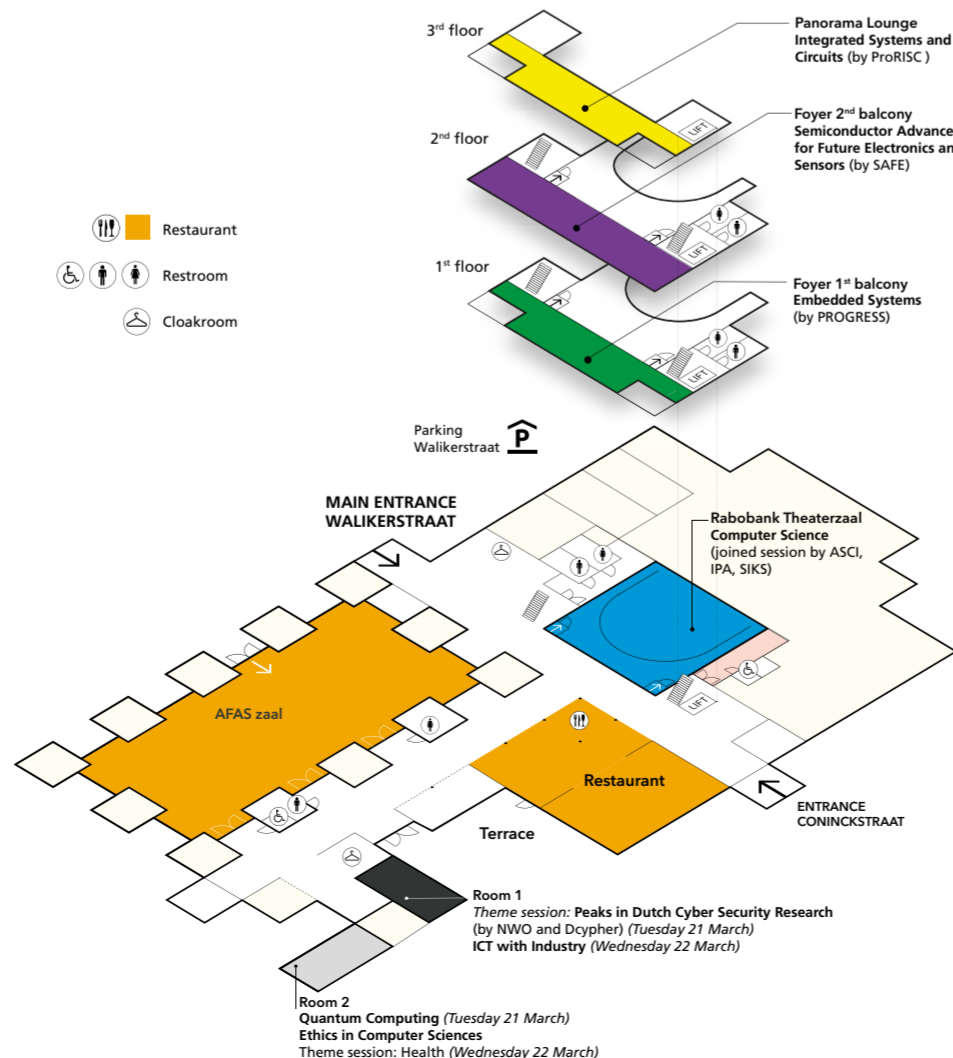
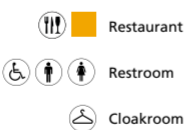
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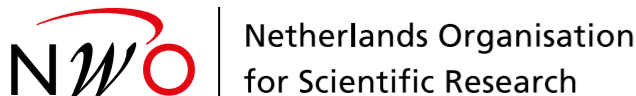
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