

**Tuesday, November 27<sup>th</sup>, 2018**

<b>Time</b>	<b>Titles</b>	<b>Speakers or additional info</b>
08:30-08:50	Registration	
<b>08:50-09:00</b>	<b>Welcome / Introduction</b>	Knut Båtstøløkken
<b>09:00-10:00</b>	<b>Key Note Session</b>	<i>Chairman: Knut Båtstøløkken</i>
09:00-10:00	"Trends in the use of robotics in the electronic production and test of devices"	Søren Peter Johansen, Danish Technological Institute, Denmark
<b>10:00-10:30</b>	<b>Exhibitor Forum:</b> short presentations	<i>Chairman: Mick Austin</i>
10:30-11:00	Coffee Break / Exhibition	
<b>11:00-12:30</b>	<b>Session 1: Test Strategies 1</b>	<i>Chairman: Stig-Gunnar Jensen</i>
11:00-11:30	"In-line PCBA testing"	Henrik Frost, Danfoss Peder D. Lomborg, DSE
11:30-12:00	"PCB Design for Test and Implementation of Test Strategies"	Mark Laing, Mentor, A Siemens Business
12:00-12:30	"Defect free-products: what is the best DfT flow in order to deliver defect-free PCBA"	Christophe Lotz, Aster
12:30-13:30	Lunch	
<b>13:30-15:00</b>	<b>Session 2: Structural Test</b>	<i>Chairman: Mattias Ericsson</i>
13:30-14:00	"How to test Power Electronics?"	Lothar Diez, Spea
14:00-14:30	"Increasing ICT coverage with Powered Frame-scan and protect your devices with Safe Test"	Peter Kuhlemann, Teradyne
14:30-15:00	"The Next Generation of Manufacturing Board Test: Testing the technologies of the future"	Jun Balangue, Keysight Technologies
15:00-15:30	Coffee Break / Exhibition	
<b>15:30-16:30</b>	<b>Session 3: Cobots in Test Automation</b>	<i>Chairman: Magnus Rönqvist</i>
15:30-16:00	"The Automation challenge - The Usage of Collaborative Robots in Testing and In-Circuit Tests "	Thomas Goetz Keysight Technologies
16:00-16:30	"Flexible automation supported using Cobots (Collaborative robots)"	Per Kloster Poulsen, Universal Robots
16:30-17:00	<b>News from conferences</b>	<i>Chairman: Artur Jutman</i>
17:00-17:30	Fruit & Refreshments / Exhibition	
<b>17:30-19:00</b>	<b>Panel debate:</b> "Robotics in testing vs traditional automation?"	<i>Panel moderator: Birger Schneider</i>
<b>19:30</b>	<b>Dinner</b>	

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<b>09:00-10:30</b>	<b>Session 4: Test Strategies 2</b>	<i>Chairman: Paulius Musteikis</i>
09:00-09:30	"To Software Platform or Not to Software Platform"	Mattias Ericsson, AddQ
09:30-10:00	" Embedded Functional Test and Measurement"	Artur Jutman, Testonica Lab
10:00-10:30	"A Soft Approach to Manufacturing Execution Systems"	Vidar Grønås, Virinco
10:30-11:00	Coffee Break / Exhibition	
<b>11:00-12:30</b>	<b>Session 5: Reliability, RF &amp; Other Challenges</b>	<i>Chairman: Birger Schneider</i>
11:00-11:30	"Reliable product development based on physics of failure"	Suzanne Otto, FORCE Technology
11:30-12:00	Reliable Electronics? Precise Current Measurements May Tell You Otherwise...	Hans Manhave, Ridgetop
12:00-12:30	"Production PCBa RF testing @ Cobham Satcom"	Torben Krogsgaard, Cobham Satcom
12:30-13:30	Lunch	
<b>13:30-15:00</b>	<b>Session 6: JTAG Based Test &amp; Interconnects</b>	<i>Chairman: Lars Kongsted-Jensen</i>
13:30-14:00	"Synthetic Instruments for design validation and production test"	Jan Heiber, GÖPEL Electronics
14:00-14:30	"Concurrent IJTAG a next Step in IJTAG-based Test"	Rene Krenz-Baath, Hochschule Hamm-Lippstadt
14:30-15:00	"New Innovative and Modular Mass Interconnect Solution with Electromechanical Locking ODU-MAC® Black-Line"	Markus Rochau, ODU GmbH & Co KG
15:00-15:10	Closing Session: TestForum concluding remarks	<i>Knut Båtstøløkken Kitron</i>
15:10-15:20	Break	
15:20-18:25	Workshop on HI2OT: "Nordic University Hub on Industrial Internet of Things" See details on next page for the IoT workshop	<i>Chairman: Erik Larsson</i>
	Wine & cheese served at a convenient time during the IoT workshop	

**Wednesday, November 28<sup>th</sup>, 2018**  
**IoT Workshop**

**Detailed program for IoT Workshop**

<b>Time</b>	<b>Titles</b>	<b>Speakers or additional info</b>
<b>15:20-18:25</b>	<b>Workshop on HI2OT: “Nordic University Hub on Industrial Internet of Things”</b>	<i>Chairman: Erik Larsson</i>
15:20-15:30	Opening	Erik Larsson, Lund University
15:30-15:55	“Secure Industrial IoT”	Christian Gehrmann, Lund University
15:55-16:20	“Safe and secure wireless communication for cooperative systems”	Stig Petersen, SINTEF, Norway
16:20-16:45	“Reliability in Resource-Constrained Wireless Networks with IEEE 802.15.4 TSCH”	Xenofon Fafoutis, Danish Technical University, Denmark
16:45-17:05	Wine & cheese break	
17:05-17:30	“Fault-tolerant topology and routing synthesis for IEEE time-sensitive networking”	Bahram Zarrin, Danish Technical University, Denmark
17:30-17:55	“Fault management; chip to system”	Erik Larsson, Lund University
17:55-18:20	Panel: How to securing the supply-chains at PCB manufacturing? Panelists: Christian Gehrmann, Lund University Stig Petersen, Sintef, Norway Xenofon Fafoutis, DTU, Denmark Bahram Zarrin, DTU, Denmark	Moderator: Erik Larsson
18:20-18:25	Closing and wrap-up	Erik Larsson, Lund University