



Wednesday September 20

8.00 - 8.40	CONFERENCE SCENE - EXHIBITION HALL	Registration
8.45 - 8.55	CONFERENCE SCENE - EXHIBITION HALL	Opening, Moderato: Morten Jastrup, Sustainable Business Advisor, Democratic Entrepreneur

Industry 4.0	Digitalization and Big Data	Internet of Things	Advanced Materials
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9.00 - 9.25	CONFERENCE SCENE - EXHIBITION HALL	Søren Pind, Minister for Higher Education and Science; "The Future is Digital", Anders Overgaard Bjarklev, President of DTU; "The Minds of Tomorrow", Mette Bybjerg Brock, chairman of Polyteknisk Forening
9.35 - 10.10	CONFERENCE SCENE - EXHIBITION HALL	Key Note: "What's next in Nordic Digitization", Eva Berneke, CEO, KMD A/S

10.15 - 11.55	S8 - MEETING CENTER GR. FLOOR	S10 - MEETING CENTER GR. FLOOR	GLASS HALL	BUILDING 202, ROOM 1005	S4 - MEETING CENTER GR. FLOOR	S9 - MEETING CENTER GR. FLOOR	M2 - MEETING CENTER 1ST. FLOOR	S7 - MEETING CENTER GR. FLOOR
	<p>3D Print and Additive Manufacturing (1) Industry 4.0 and 3D print</p> <p>Intro: Guido Tosello, Associate professor, DTU Mechanical Engineering</p> <p>Tech Talk: "Industry 4.0 and 3D print after the hype", David Bue Pedersen, DTU Mechanical Engineering</p> <p>Business Talk: "Increase competitiveness with Industry 4.0", Flemming Hansen, Schneider Electric</p> <p>Tech Talk: "3D print as a starting point for new business models", Ingeborg Rosenvinge, Thürmer</p>	<p>Automation, control and robotics (1) The Robots are here!</p> <p>Intro: "The importance of Automation, control and robotics for Industry 4.0", Tom Togsverd, Indesmatech ApS, RoboCluster</p> <p>Tech Talk: "Robotics, Automation and Control", Nils Axel Andersen, Ass. Prof., DTU Electrical Engineering</p> <p>Business Talk: "What are the Business drivers for Industry 4.0 and Automation", Claus Sass Hvass, Business Director, Eltron A/S, chairman of IDA Automation</p> <p>Business Talk: "Next Generation Robotics - perspectives and experiences", Claus Risager, Founder & CEO, Blue Ocean Robotics A/S</p> <p>Debate: "How can we push Danish Industries further on the way to industry 5.0?", Nils Axel Andersen, Claus Sass Hvass and Claus Risager</p> <p>Summing up: "What did we learn?"</p>	<p>Big Data, Machine Learning and Artificial Intelligence (1) Organized by Big Data Business Academy</p> <p>Tech talks: "Big data, Social networks and Visualization", Ass. Professor, Sune Lehmann Jørgensen, DTU Compute</p> <p>Tech talk: "Deep Learning, Ole Winther, Professor, DTU Compute</p> <p>Business talk: "Practical IoT with Machine Learning & AI - In Collaboration with InQvation", Wael Elrifai, Sr. Director of Enterprise Solutions & Data Science, Pentaho, A Hitachi Group Company</p> <p>Business talk: "Customer cases: Value creation with Industry 4.0 and Internet of Things in practice", Kim Nikolajsen, Team Manager and Value Architect, Affecto</p> <p>Discussion</p>	<p>10.15 - 11.55</p> <p>Workshop: Big Data and Expert systems in Agriculture Organized by INSTITUT FRANÇAIS and DTU</p> <p>Workshop - Unformal meeting Each organization is given 10-20 minutes to present themselves, their areas of research, competences and areas for collaboration. Objective: create connections and exchange ideas</p> <p>S12 - MEETING CENTER GR. FLOOR</p> <p>10.15 - 13.15</p> <p>Workshop: Design your own micro-controller - hands on workshop Organized by Arrow and Indesmatech</p> <p>To design a microcontroller was a big task just a few years ago. Now it can be done based on a flexible flash based FPGA from Intel - just by using a graphical design tools.</p> <p>Sign up: Please send a mail to: NRognlien@arroweurope.com</p>	<p>Internet of Things (1) Organized by IoT Center DTU</p> <p>Tech Talk: "Fog Computing as Enabler for the Internet of Things", Paul Pop, Professor, DTU Compute</p> <p>Business Talk: "Internet-of-Things technical foundation and use cases", Anders Mynster, DELTA/Force</p> <p>Business Talk: "Arla Foods - on journey towards a Digital Supply Chain platform", Arne Svendsen, Senior IT Manager, Arla Foods</p>	<p>Digital Health (1) What are the Potentials and Developments in Digital Health? - and how will they impact pharma and medtech?</p> <p>Business Talk: Healthcare Innovation Ecosystem: Everything is Bigger (and better) in Texas!, Erik Halvorsen, Director, Texas Medical Center Innovation Institute</p> <p>Business Talk: Digital is transforming the World and empowering the patient, - the future is consumer-to-business, John Zibert, Chief Medical Officer, LEO Innovation Lab</p> <p>Business Talk: Supporting Hospital Real Time Demand / Capacity Management with Big Data Technology, Mikkel Harbo, Director, Product Management and Delivery, Systematic</p> <p>Tech Talk: Personal Wearable Health Technology - Disruptive and Revolutionary!, Helge B.D. Sørensen, Associate Professor and group leader, DTU Elektro</p> <p>Panel debate: The development of future healthtech solutions</p>	<p>New Materials and Coatings (1)</p> <p>Tech talk: "Digital laser printing at the Nanoscale", Anders Kristensen, Professor, DTU Nanotech</p> <p>Business talk: "Tooling technologies for plastic production with functional surfaces", Guggi Kofod, Inmold A/S</p> <p>Business talk: "From yoghurt to solar: A new production platform", Henrik Pranov, Heliac</p>	<p>Quantum Technology (1) Quantum Cryptography</p> <p>Tech Talk: "Introduction to quantum key distribution", Ulrik L. Andersen, Prof., DTU Physics</p> <p>Tech Talk: "Post quantum cryptography", Lars Ramkilde Knudsen, Prof., DTU Compute</p> <p>Tech Talk: "High speed communication", Anders Clausen, DTU Fotonik</p> <p>Business Talk: "The road to quantum resistant cryptography", Michael Osborne, Head of security and privacy research IBM Research Division, Zürich, Switzerland</p> <p>Panel discussion among speakers of current communication security challenges and the solutions offered by modern quantum technologies Moderator: Cathal Mahon, CEO of Qubiz</p>

12.00 - 12.40	CONFERENCE SCENE - EXHIBITION HALL	Key Note: "Augmenting Experimentation: How Minecraft helps Solve the next AI challenge", Katja Hofmann, Researcher, Microsoft
12.45 - 13.45	Lunch break and networking	
13.45 - 14.25	CONFERENCE SCENE - EXHIBITION HALL	Key Note: "Internet of Things and IBM Watson", Claus Klint, Director of Internet of Things, IBM Denmark

14.30 - 16.10	M1 - MEETING CENTER 1ST. FLOOR	S10 - MEETING CENTER GR. FLOOR	GLASS HALL	S4 - MEETING CENTER GR. FLOOR	S12 - MEETING CENTER GR. FLOOR	S9 - MEETING CENTER GR. FLOOR	M2 - MEETING CENTER 1ST. FLOOR	S8 - MEETING CENTER GR. FLOOR
	<p>Point-of-Care Devices Personalized Diagnostics on Demand</p> <p>Tech talk: Vision: "Technology Trends for Personalized Medicine", Jan Madsen, Professor, DTU Compute</p> <p>Tech talk: Challenge: "Living with a Chronic Disease", Anett Kromann, Chairman, The Danish support group on Thyreoidea. https://stofskiftesupport.dk/</p> <p>Tech talk: "Technology: "Personal Diagnostic Technology", Winnie E. Svendsen, Associate Professor, DTU Nanotech</p> <p>Tech talk: Biolab: "Computer Aided Sample Preparation", Georgi Tanev, PhD Student, DTU Compute / DTU Nanotech</p> <p>Tech Talk: Analytics: "Smartphone Based Data Management", Francois Patu, PostDoc, DTU Management</p> <p>Tech talk: Demo: "Novel Technology Platform for optimized Monitoring of Patients with Cystic Fibrosis", FatimaAl-Zahraa Al Atrakchi, PhD Student, DTU Nanotech</p>	<p>Automation, control and robotics (2) The Robots are here!</p> <p>Introduction: "The importance of Automation, control and robots for Industri 4.0", Bjarke Falk Nielsen, RoboCluster</p> <p>Tech Talk: "Miniature Converters", Michael A. E. Andersen, Prof., DTU Electrical Engineering</p> <p>Business Talk: "Our Experiences with Robotics", Mads Sørensen, Techn. Director, Welltec A/S</p> <p>Tech Talk: "Industry 4.0 and beyond: towards the next technological revolution", Roberto Galeazzi, Ass. Prof., DTU Electrical Engineering</p> <p>Business Talk: "Digital twins and Digitalization of Automation Systems", Bent Aksel Jørgensen, CEO, xcelgo A/S</p> <p>Summing up: "IF-project Future Digital Firm - un opportunity for you?", Søren Manicus, partner, Indesmatech ApS</p>	<p>Big Data, Machine Learning and Artificial Intelligence (2) Organized by Big Data Business Academy</p> <p>Tech Talk: "Machine learning as a service - Democratization of AI", Lars Kai Hansen, Professor, DTU Compute</p> <p>Business Talk: "Big Data & IoT Lab", Thomas Asger Hansen, Senior Manager, Grundfos</p> <p>Business Talk: "How KMD uses Machine Learning in Administrative applications to support Municipalities", Thomas Rosenquist, Enterprise Architect - Information Management, KMD A/S, Office of Technology</p> <p>Business Talk: "Machines learn to learn: Artificial Intelligence & Deep Learning at Siemens", Dr. Ulli Waltinger, Head of Research Group Machine Intelligence, Siemens AG - Corporate Technology</p> <p>Discussion</p>	<p>Business Proces Mining</p> <p>Tech Talk: "Introduction into Business Process Mining", Ekkart Kindler, Assoc. Professor, DTU Compute</p> <p>Business Talk: "Analyzing the Baggage Factory Performance At Copenhagen Airport Using Process Mining", John Hansen, Consultant, Project2 ApS</p> <p>Tech Talk: "Online Process Mining", Andrea Burattin, Ass. Professor, DTU Compute</p> <p>Tech Talk: "Applications of Online Process Mining", Barbara Weber, Professor, Head of Section, DTU Compute</p> <p>Tech Talk: "Process Mining Knowledge Workflows using DCR Graphs - towards a knowledge work GPS", Thomas Hildebrandt, Ass. Professor, IT University of Copenhagen</p> <p>Business Talk: "Disruptive BPM is the new orange! How to operate in a world where then the only constant is change", Morten Marquard, Exformatics</p> <p>Business Talk: "Feeding the Monster", Uri PAIS, KMD</p> <p>Business Talk: "Analyze the processes in your applications with Azure Application Insights", Morten Schioldan, Microsoft</p> <p>Business Talk: "Digital Business Assistant turns business insights into action", Frederik Kjærgaard Laursen, IBM</p> <p>Business Talk: "Value-Added Networks and Business Models for Value-Based Services", Ulrich Loewen, Siemens</p>	<p>Internet of Things (2)</p> <p>Workshop: "Hands on Workshop - LoRaWAN", The attendee needs to bring a PC and will receive a Microchip Radio module. There is a maximum of 25 groups. The workshop open will give the attendees a fast track to develop applications for the Hackaton managed by DTU Fotonik".</p> <p>Hackathon In relation to the LoRaWAN workshop, a smartcity and smartcampus LoRaWAN hackaton will be kicked off (see the program, 11.00-11.30 at the Conference Scene, Exhibition Hall). The 24-hour hackathon will invite 30 teams (1-5 persons) to participate in a competition on creativity and innovativeness, with attractive prizes for the best solution proposed to the given challenge. The challenge will be related to combating the problem of bike theft which has been identified as a major issue both at DTU and in most cities. Hardware will be made available for the participating teams and a designated work area will be available.</p> <p>Sign up: Please send a mail to Maria Tørnsø: mtoe@fotonik.dtu.dk</p> <p>It is possible to sign up independently to either the workshop or the hackaton or both. Please specify in signup email.</p> <p>Full information about the workshop: Download ConferenceCommunicator app and find High Tech Summit.</p>	<p>Smart Digital Cities (1)</p> <p>Tech Talk: "Why focus on 'From Smart Cities to Smart Societies'?", Henrik Madsen, Professor, Head of Section, DTU Compute</p> <p>Tech Talk: "Argonne Urban Science and Engineering: combining sensor technologies and edge computing to enable smart cities", Dr. Ralph T. Muehleisen, Principal Building Scientist, Argonne National Laboratory</p> <p>Tech Talk: "The Smart Energy System in Smart Cities", Anders Dyrrelund, Senior Market Manager, Rambøll</p> <p>Business Talk: "Climate KIC and DTU - Smart City Accelerator", Anne Marie Damgaard and Peder Bacher</p> <p>Business Talk: "LOOP CITY - Strategic network governance creating an enabling framework for digital Growth within urban development", Niels Carsten Bluhme, Albertslund Kommune</p>	<p>New Materials and Coatings (2)</p> <p>Tech talk: "Graphene - the industrial potential of atomically thin membranes", Peter Bøggild, Professor, DTU Nanotech</p> <p>Business Talk: "Graphene-polymer composite coatings", Susie-Ann Spiegelhauer, SP Group</p> <p>Tech talk: "Graphene-based conductive inks", Marc Overgaard, Postdoc, University of Copenhagen</p> <p>Tech Talk: "An atom thick and a mile wide", Tim Booth, Associate Professor, DTU Nanotech;</p> <p>Business Talk: "Graphene-based broadband photodetectors for food inspections", Bjarke Jørgensen, Head of Research, Newtec Engineering A/S</p> <p>Tech Talk: "Open science - an open platform for approaching graphene technology, nucleate ideas, meet new collaborators", Kim Daasbjerg, Professor, iNANO, Aarhus University</p>	<p>Advanced Functional Materials</p> <p>Tech Talk: "Next generation of resistive memory", Nini Pryds, Head of Section, Professor, DTU Energy</p> <p>Tech Talk: "Oxide interfaces for electronic", Dennis Valbjørn Christensen, Postdoc, DTU Energy</p> <p>Tech Talk: "Defective oxides, the next generation of electromechanically active materials", Vincenzo Esposito, Senior Scientist, DTU Energy</p>

16.15 - 16.55	CONFERENCE SCENE - EXHIBITION HALL	Key Note: "Industrie 4.0" - how digitization revolutionizes the production chain", Prof. Dr. Dieter Wegener, Siemens AG, Corporate Technology and ZVEI (German Electrical and Electronic Manufacturers' Association)
17.00 - 17.55	CONFERENCE SCENE - EXHIBITION HALL	Network reception
18.00 - 22.00	BUILDING 202	VIP Dinner (Only by invitation), Key Note: "Intel and Moore's Law", Pat Mead, SQE Architect, Intel. Key Note "More than Moore - Programming Living Technologies", Jan Madsen, Professor, Deputy Director DTU Compute. Host: Marianne Thellersen, Senior Vice President, Innovation and Entrepreneurship, DTU



Thursday September 21

	Industry 4.0	Digitalization and Big Data	Internet of Things	Advanced Materials				
8.00 - 8.55	CONFERENCE SCENE - EXHIBITION HALL Registration							
9.00 - 9.40	CONFERENCE SCENE - EXHIBITION HALL Key Note: "Navigating an exponential world", Laila Pawlak, Co-Founder & CEO, SingularityU Denmark							
	<p>S8 - MEETING CENTER GR. FLOOR</p> <p>3D Print and Additive Manufacturing (2) 3D print - from design to manufacturing</p> <p>Business Talk: "Design for 3D print - possibilities and limitations", Klaus Højbjerg, Adimant</p> <p>Business Talk: "Additive Manufacturing of metals", Jeppe Byskov, Head of Section (Additive Manufacturing), Danish Technological Institute</p> <p>Business Talk: "Producing additively using laser cladding", Peter Tommy Nielsen, Force</p>	<p>S10 - MEETING CENTER GR. FLOOR</p> <p>9.00-12.20</p> <p>Smart Digital Cities (3) Smart Buildings</p> <p>Welcome: Henrik Stang, Vice Head of Department, DTU Byg</p> <p>Business Talk: "Data-driven BIM projects", Chief Project Manager Henrik Wallentin Poulsen, Cowi</p> <p>Business Talk: "Virtual Digital Construction", VDC-konsulent Viet T. P. Pham, MT Højgaard</p> <p>Business Talk: "VDC and collaboration", Astridur Elin Asgeirsdottir, VDC Group Manager, Aarsleff</p> <p>Coffee Break</p> <p>Business Talk: "Award winning Hvidovre Hospital ESCO project - Updating energy and building management for a sustainable life cycle support." Lars Nielsen, Sales Director, Building Performance & Sustainability, Siemens</p> <p>Business Talk: "WallMo, the panel mounting co-bot", Managing Director, Lars Andresen, WallMo</p> <p>Business Talk: "Odico Formwork Robotics", Chief Development Officer Asbjørn Søndergaard, Odico</p> <p>Business Talk: "Robot at Work business model presentation", CEO Finn Christensen, Robot at Work</p> <p>Panel discussion</p>	<p>S4 - MEETING CENTER GR. FLOOR</p> <p>Rethinking Food</p> <p>Business Talk: "Food trust, a public perspective", Chief Food Safety Officer, Hanne Larsen, Danish Veterinary and Food Administration.</p> <p>Business Talk: "Ensuring safe, authentic and high-quality milk for global consumers", Peter Juhl Christensen, Global Market Manager for Dairy, FOSS Analytical A/S</p> <p>Business Talk: "Automatic Chine Bone Saw" Tue Moerck, CEO IHFood</p> <p>Tech Talk: "Predictive Food Microbiology and tools to evaluate and document food safety and quality", Paw Dalgaard, Professor, DTU National Food Institute</p> <p>Business Talk: "coming", Johan Riis Johansen, Head of eCommerce Services, COOP Denmark</p> <p>Facilitated Panel Debate between the speaker: "Then what - food in the future?" Anders Kofod-Petersen, Professor, Deputy Director, Alexandra Institute</p>	<p>M1 - MEETING CENTER 1ST. FLOOR</p> <p>Digital Learning Organized by LearnT DTU</p> <p>Workshop: "Learning with our bodies and feelings" Facilitators: John Paulin Hansen, Professor, Group Leader, DTU Management Engineering DTU and Martin Mose Bentzen, associate professor, DTU Management Engineering</p> <p>Debate: "Learning is the new Earning", Facilitator: Helle Rootzen, Professor, Head of learnT DTU (Center for Digital Learning Technology), DTU Compute</p> <p>Tech Talk: "High Tech as an enabler for learning", Helle Rootzen</p> <p>Business Talk: "Teach the kids", Kasper Holst Hansen, CEO ,EduLab</p>	<p>GLASS HALL</p> <p>Cyber Security, Privacy and Blockchain</p> <p>Tech Talk: "Context-Aware Access Control", Christian D. Jensen, Ass. Professor, DTU Compute</p> <p>Business Talk: "Will blockchain revolutionize privacy and security?", Thomas Braad Perret-Gentil, IT Architect, IBM</p> <p>Tech Talk: "The EU-GDPR, smart contracts and cryptocurrencies: Applicable and enforceable?", Christian Sillaber, University Innsbruck</p> <p>Tech Talk: "Smart contracts are neither", Fritz Henglein, Professor, Department of Computer Science, Copenhagen University</p> <p>Business Talk: "Initial Coin Offerings and legal challenges", Martin von Haller Groenbaek, Bird & Bird Copenhagen</p> <p>Discussion, Christian W Probst, DTU</p>	<p>S9 - MEETING CENTER GR. FLOOR</p> <p>Digital Health (2) Navigating Healthtech Innovation - how to develop, test and fund technologies for taking the next step towards healthcare innovation?</p> <p>Neurescue Case: Bridging Innovation to Commercialization Bjørn Broby, Director of Business Development, Neurescue</p> <p>Expert advice - short presentations Nicolaj Højer Nielsen, Start-up Funding; Henrik Brorsen, Teknologiuudvikling.dk</p> <p>Funding and collaboration opportunity - pitches Jane Tidemand, Region H.; Lars Winther, Innovation Fund Denmark; Mette Buskjær Rasmussen, Copenhagen EU Office; Lykke Margot Ricard, EIT Health</p>	<p>M2 - MEETING CENTER 1ST. FLOOR</p> <p>Industrial Imaging (1) Imaging with X-rays and Neutrons</p> <p>Welcome: Anders Bjorholm Dahl, Associate professor, Head of Section, DTU Compute</p> <p>Business Talk: "How do we engage industry in neutron- and x-ray science?", Jimmy Binderup Andersen, CEO, LINX</p> <p>Tech Talk: "DTU Imaging Center", Carsten Gundlach, Senior Research Engineer, DTU PHYSICS</p> <p>Tech Talk: "Imaging at synchrotron facilities: state-of-the-art and what will the new sources bring", Rajmund Mokso, Honorary Professor, DTU Compute</p> <p>Business Talk: "Determining microstructure of stone wool to enhance mechanical strength", Dorthe Lybye, Programme Manager R&D, ROCKWOOL International A/S</p> <p>Business Talk: "Nondestructive Materials Characterization in 3D by Laboratory Diffraction Contrast Tomography", Erik Lauridsen</p> <p>Panel discussion: "X-rays and neutrons for imaging"</p>	<p>S7 - MEETING CENTER GR. FLOOR</p> <p>Quantum Technology (2) Quantum sensors</p> <p>Brief introduction to the session, Ulrich Hoff, QPIT, DTU</p> <p>Tech Talk: "Optical sensing and squeezed light", Jonas S. Neergaard-Nielsen, QPIT, DTU Physics</p> <p>Tech Talk: "Quantum sensors for biomedical applications", Kasper Jensen, Quantop, NBI</p> <p>Tech talk: "Sensing magnetic fields with colorful diamonds", Alexander Huck, DTU Physics</p> <p>Tech Talk: "MRI and how to improve it by a factor of 10000", Lars G. Hanson, DTU Electrical Engineering</p> <p>Closing remarks</p>
9.45 - 11.25								
11.30 - 12.10	CONFERENCE SCENE - EXHIBITION HALL Key Note: "Eat data - how digitization is changing the food chain", Kim Escherich, IoT Innovation Architect, IBM Denmark							
12.10 - 13.10	Lunch break and networking							
13.15 - 13.55	CONFERENCE SCENE - EXHIBITION HALL Key Note: "Global challenges - regional approaches to innovation and tech cooperation", Sophie Hæstorp Andersen, Chairman of the Regional Council, Capital Region of Denmark							
	<p>GLASS HALL</p> <p>Drones and Autonomous Systems</p> <p>Tech Talk: "Autonomy - where will it take us?", Christian W. Probst, Associate professor, Head of section, DTU Compute</p> <p>Tech Talk: "Autonomous Ground Vehicles - future perspectives", Henning Si Høj, Robotics Engineer, DTU Electrical Engineering</p> <p>Tech Talk: "Social robots lending a hand to disabled people" John Paulin Hansen, Professor, Group Leader, DTU Management Engineering</p>	<p>S7 - MEETING CENTER GR. FLOOR</p> <p>High Performance Computing</p> <p>Tech Talk: "Exascale - Going Beyond Moore", Sven Karlsson, DTU Compute</p> <p>Business Talk: "HPC, Acceleration and Distribution of computation power in The future in the networked world", Pat Mead, SQE Architect, Intel</p> <p>Tech Talk: "Photonics for the Data Center", Michael Stübert Berger, Associate Professor , DTU Fotonik</p>	<p>M1 - MEETING CENTER 1ST. FLOOR</p> <p>14.00 - 16.00</p> <p>Audio - Future of Hearing and Health</p> <p>Tech Talk: "Bridging the gap from sound processors to brain processors", Torsten Dau, Prof., DTU Electrical Engineering</p> <p>Business Talk: "EVOTION - H2020 project on Hearing Care, Big Data, and Public Health Policies", Uwe Hermann, Eriksholm Research Center/Oticon</p> <p>Tech Talk: "Machine Learning & Music intervention", Jan Larsen, Prof., DTU Compute</p> <p>Fire Side Chat: "The future of Hearing, Health & Hearables", - Ole Asboe Jørgensen, President, Oticon Brand, Global, Oticon - Thomas Evers Christensen, Senior Vice President Global Development, Widex - Nikolai Bisgaard, Vice President, External Relations, GN Hearing</p>	<p>S10 - MEETING CENTER GR. FLOOR</p> <p>Smart Networks</p> <p>Tech Talk: "Building a IoT infrastructure - pros and cons of different possible solutions", Henrik Christiansen, Associate Professor, DTU Fotonik (45 min)</p> <p>Business Talk: "Practical experience from the SUS/DOLL testbed in Albertslund", Teddy Sibbern Larsen, GATE21 (20 min)</p>	<p>S9 - MEETING CENTER GR. FLOOR</p> <p>Smart Digital Cities (2) Organized by DTU and CLEAN</p> <p>Business Talk: "Industry 4.0 and Smart Digital Cities", André Borouchaki, Danfoss</p> <p>Business Talk: "Why Energy Management is the backbone of the Energy Smart Government", Hanne Rasmussen, Senior Sales Executive Energy Management, KMD</p> <p>Business Talk: "The Regional Road to a Smart Greater Copenhagen Strategy", Christian Bruhn Rieper, Deputy Director Capital Region of Denmark</p>	<p>M2 - MEETING CENTER 1ST. FLOOR</p> <p>Industrial Imaging (2) High Tech Manufacturing in Denmark</p> <p>Welcome: "3D imaging Sensors for Manufacturing - our research at DTU Compute", Henrik Aanæs, Associate professor, DTU Compute</p> <p>Business Talk: "Future use of computer vision technology in process industry applications", Christoph Kandziora, Siemens AG</p> <p>Business Talk: "Automated composites manufacturing with prepreg material", Asim Ikram, Senior Engineer, Manufacturing Engineering, Terma Aerostructures A/S</p> <p>Tech Talk: "Production Statistics with Sensor Data", Murat Kulahci, Associate professor, DTU Compute</p>	<p>S4 - MEETING CENTER GR. FLOOR</p> <p>Electronic Noses and Sensor Technology</p> <p>Tech talk: "CRIMTRACK: Sensor system for detection of criminal chemical substances", Mogens Havsteen Jakobsen, Associate professor, DTU Nanotech</p> <p>Tech talk: "Combined colorimetric and gravimetric CMUT sensor for detection of phenylacetone", Erik Vilain Thomsen, Docent, DTU Nanotech</p> <p>Business talk: "Biosensing meets low cost technology", Marco Donolato (former employee at DTU Nanotech), co-founder, Blusens Diagnostics</p> <p>Site visit See timetable for guided tours</p>	
14.00 - 15.25								
15.30 - 16.25	GLASS HALL Debate Session: Technology, Jobs and Growth Organized by ATV and DTU (in Danish) Introduktion: Lia Leffland, Akademidirektør, civilingeniør, ATV - Indleder med et kort oprids af de vigtigste pointer fra rapporten "Danske Giganter" Hvordan ser virkeligheden ud for aktørerne i Danmark - Peter Thorning, CEO Fiberline, Katrine Mau, Kontorchef, KL; Anders Bjarklev, Rektor DTU og Lia Leffland, Direktør ATV Hvordan kan vi gøre rammebetingelserne bedre? - Morten Bødskov, Formand for Erhvervsudvalget, Socialdemokratiet; René Gade, MF for Alternativet; Anders Bjarklev, Rektor, DTU							
17.30 - 22.00	OTICON HALL Stardust DTU DEMO Day and Final High Tech Summit celebration							

Wednesday September 20 - SUPPORTING TRACKS

Business inside Technology

Matchmaking and Networking

Startups and corporate engagement

8.00 - 8.40

CONFERENCE SCENE - EXHIBITION HALL Registration

M1 - MEETING CENTER 1ST. FLOOR

Debate: Digital Transformation
Organized by DTU Business

Intro: "Digital Business Transformation - Make it Happen", Jakob Holst, Executive Director, DTU Business

Business Talk: "The Practical Implications of AI", Kenneth Cukier, Senior Editor, Digital Products, The Economist

Business Talk: "Prepare to pivot - digital transformation is changing the world and business-as-usual is not an option", Frederik Østbye, Group Vice President, Head of Digital Transformation, Grundfos

Business Talk: "Organizing for Radical Innovation and Lean Implementation", Thomas Weikop, Director, MobileLife, Danske Bank,

LOCATION: BUILDING 113, MEETING ROOM 011

Årsdag for Innovationsnetværket for Miljøteknologi
Organiseret af Innovationsnetværket for Miljøteknologi
For full programme - see app

CONFERENCE ROOM Y - EXHIBITION HALL

New business arising from new technology
New business development, Organized by IPU

Tech Talk: "From invention to innovation", Lynn Kahle, Associate professor, DTU Diplom, and Klaus Topholm, Associate professor, DTU Diplom

Tech Talk: "IoT Alive in Denmark - How IoT plays a significant role in the shaping of a sustainable future by Automation and process optimization", Espen Gregersen, IoT Denmark

DenmarkBusiness talk: "Roadmap for industry 4.0 transformations for Danish manufacturing industries", Hans G. Enggrob, CEO, IPU

Business talk: "How do knowledge-based companies know what they know?", Christian Holmegaard Mossing, Business Development Director, COWI A/S

Discussion

INNOSIX' STAND - EXHIBITION HALL

Sign up for matchmaking session
Organized by Innosix

10.15 - 11.55

12.45 - 13.45

Lunch break and networking

14.30 - 16.10

CONFERENCE ROOM Y - EXHIBITION HALL

Best Practice Business Cases (1)
IoT case stories driven by 'smart' instrumentation, organized by IPU

Business talk: "Basic security implementation in IoT network", Jakob Riis, Senior Field Application Engineer, NXP Semiconductor - Denmark

Business talk: "Combining hardware, electronics, software and cloud technologies in new robust industrial solutions", Morten Kreiberg Block, Engineering Director, Arrow Nordic

Business talk: "IOT from prototype to product. Smart solution for building intelligence. A case story", Jakob Bjerre, CSO, Develco and Anyware, TBA

Business talk: "Utilizing your Edge in Predictive Analytics", Peter Aagaard Kristensen, Vice President Technology, Prevas A/S and Christian Walsted Sweeney, Team Lead, Brüel & Kjær Vibro A/S

Small Discussion

S-HOUSE

Collaborative high tech innovation - Matchmaking meeting (1)
Organized by Innosix

OTICON HALL AND S-HOUSE

12.00 - 18.00

Venture Cup World Cup Exhibition
Organized by Venture Cup

Theme: Transforming research into business

12:00 - 13:00
University Startup World Cup expo begins

13:00 - 13:30
Speaker - Michael Hochholzer, Managing Partner at Siemens Venture Capital

13:30 - 14:00
Launch of Venture Cup + Peter Göranson

14:00 - 15:30
Pitch Battle for Nordtek

15:30 - 15:50
Sofa Talk - Future of Work with Michael Hochholzer

15:50 - 16:00
Announcement of Nordtek Pitch Battle Winner

16:00 - 18:00
Flash Mentoring at the S-House

OTICON HALL AND S-HOUSE

Award Show invitation

Join us when we are celebrating the best university startups on Earth!!

70 teams from more than 30 countries will be participating in the world cup. This is your opportunity to spend an afternoon with them, listen to inspiring guest speakers, meet Copenhagen's entrepreneurial elite and network with like-minded business people!

Five category winners will be awarded, live-pitch on stage and compete for the grand prize of \$25,000

Read more about the University Startup World Cup on <http://universityworldcup.com/>

17.00 - 17.55

CONFERENCE SCENE - EXHIBITION HALL Network reception

18.00 - 22.00

BUILDING 202

VIP Dinner (Only by invitation), Key Note: "Intel and Moore's Law", Pat Mead, SQE Architect, Intel. **Key Note "More than Moore - Programming Living Technologies"**, Jan Madsen, Professor, Deputy Director DTU Compute.
Host: Marianne Thellersen, Senior Vice President, Innovation and Entrepreneurship, DTU



Thursday September 21 - SUPPORTING TRACKS

	Business inside Technology	Matchmaking and Networking	Startups and corporate engagement	
8.00 - 8.55	CONFERENCE SCENE - EXHIBITION HALL Registration			
9.45 - 11.25	<p>CONFERENCE ROOM Y - EXHIBITION HALL</p> <p>Implementation of advanced technologies in practice Organized by IPU Intro: Hans G. Enggrob, Managing Director, IPU Business talk: "IoT Alive In Denmark - How IoT plays a significant role in the shaping of a sustainable future by automation and process optimization" Espen Gregersen, IoT Denmark</p> <p>Business talk: "Efficient implementation of IIOT solution with System-on-Chip controller. A case story", Zoran Velkoski is Director, Global Business Relations, TekPartner</p> <p>Business talk: "Algorithm driven marketing and artificial intelligence (AI) /machine learning (ML) / big data analyses in marketing", Baltazar Ozonek, Head of Marketing Technology, Group M</p> <p>Business Talk: "Smart Innovation of IoT & M2M", Steen Gregersen, CEO. Discussion</p>	<p>BUILDING 202, ROOM 1013 AND ROOM 1019</p> <p>10.00 - 12.00 Work Shop: Cobots and Production Cells - how to implement and what to expect Organized by Industriens Uddannelser</p> <p>We have interviewed some of the most advanced Danish Industrial Production Companies about their experience using Cobots and Production Cells and we invite you to join us in a Work Shop where we share our knowledge and ask you to bring you own experience and your questions to the table to qualify the findings.</p>	<p>S-HOUSE</p> <p>Collaborative High Tech Innovation - Matchmaking meeting (2) Organized by Innosix</p>	<p>OTICON HALL AND S-HOUSE</p> <p>Startup/Corporate Collaboration (1) - Key Notes: Ikhlq Sidhu, UC Berkeley and Matthias Meyer, BMW Startup Garage Organized by DTU Skylab</p> <p>9.30 - 12.00 Intro by DTU Skylab "It's a match finding the perfect match between companies, startups and researchers", Innosix "Universities, Corporates, New Ventures, and Culture", Ikhlq Sidhu, Faculty Director and Founder, Sutardja Center for Entrepreneurship & Technology at UC Berkeley "The Venture Client Model - Innovate with Startups", Matthias Meyer, Head of BMW Startup Garage, BMW AG Open Innovation X: Innovating societal and industrial challenges How DTU Skylab work with open corporate/student/startup innovation</p> <p>10.30 - 11.00 Open Entrepreneurship - Project launch with startup cases</p>
12.10 - 13.10	Lunch break and networking			
14.00 - 15.25	<p>CONFERENCE ROOM Y - EXHIBITION HALL</p> <p>Best Practice Business Cases (2) 'Connectivity' case stories from transport and logistics, organized by IPU Business talk: "Implementation of telemetric systems for monitoring of trucks. A case story.", Hendrik Höfer, CEO, MicroDoc Business talk: "The connected aircraft", Katrine Søs Jensen, Cobham SATCOM</p> <p>Business talk: "Intelligent maintenance, exemplified in thermal energy systems, utilizing models and data", Jorrit Wronski, IPU</p> <p>Business talk: "Digital transformation at Mærsk - examples of the analytics carried out in Mærsk Digital", Line H. Clemmensen, Associate Professor, DTU Compute Discussion</p>	<p>S-HOUSE</p> <p>Collaborative Innovation in Practice Organized by Innosix "COLLABORATIVE INNOVATION IN PRACTICE" - with two inspirational case examples "What 'collaborative innovation' really means", Thomas Einfeldt & Ole Jakob Thorsen, partners at Innosix [15 min.] "Introduction to matchmaking at High Tech Summit 2017", Thomas Einfeldt & Ole Jakob Thorsen [10 min.] Case 1: Terma/Percepto, Rasmus Engholm & Jakob Kirkegaard [15 min.] Case 2: Alfa Laval/Heliac, Speakers: Mats Nilsson & Henrik Pranov [15 min.] Panel discussion - Collaborative Innovation [30 min.] Panelists: Rasmus Engholm, Jakob Kirkegaard, Match Nilsson, Henrik Pranov, Ole Jakob Thorsen</p>	<p>OTICON HALL AND S-HOUSE</p> <p>Startup/Corporate Collaboration (2) - Keynote: David Baek, GCCEI Organized by DTU Skylab</p> <p>13.30 - 16.00 "How companies like Samsung, Korean Telecom, LG, and Hyundai innovate with startups", David Baek, Director of Global Cooperation and Marketing, Gyeonggi Center for Creative Economy and Innovation (GCCEI) Panel Debate: Ecosystems around the globe Innovation Centre Denmark presents: Silicon Valley, Sao Pãolo, Munich and Seoul - different places, different approaches Wrap up: By DTU Skylab</p> <p>12.00 - 15.50 Open Innovation X: Challenge presentation autumn 2017, Theme: Food, by Arla Foods and Ingrediensforum DI Reverse sharktank: Investors in the hot seat How does investors fit into the startup/corporate setting? Growing foods: Food Entrepreneurship: Open dialog between audience, startups and corporates How to startup in: Seoul: By Innovation Centre Denmark and David Baek How to startup in: Silicon Valley: By Innovation Centre Denmark and Ikhlq Sidhu How to startup in: Munich: By Innovation Centre Denmark and Matthias Meyer</p>	
17.00 - 18.55				
19.40 - 22.00	OTICON HALL Stardust DTU DEMO Day and Final High Tech Summit celebration, organized by Polyteknisk Forening			
			<p>OTICON HALL</p> <p>17.30 - 19.40 Stardust DTU Demoday Organized by Stardust 1st Pitch session Panel talk: "Success as an entrepreneur: Is it about me or about the team?" 2nd Pitch session Panel talk: "Success as an entrepreneur: Is it about me or about the team?" 2nd Pitch session</p>	



Wednesday September 20

Conference Scene - Exhibition Hall

CONFERENCE SCENE - EXHIBITION HALL	
9.00 - 9.25	Søren Pind, Minister for Higher Education and Science; Anders Overgaard Bjarklev, President of DTU; Mette Bybjerg Brock, chairman of Polyteknisk Forening
CONFERENCE SCENE - EXHIBITION HALL	
9.30 - 10.10	Key Note: "What's next in Nordic Digitization", Eva Berneke, CEO, KMD A/S
Hackaton: The secure bike (1)	
In connection to the "LoraWAN workshop" (see the program, Internet of Things (2) - Hands on Workshop - LoRaWAN), a smartcity and smartcampus LoraWAN hackaton will be kicked off. The 24-hour hackaton will invite 30 teams (1-5 persons) to participate in a competition on creativity and innovativeness, with attractive prizes for the best solution proposed to the given challenge. The challenge will be related to combating the problem of bike theft which has been identified as a major issue both at DTU and in most cities. Hardware will be made available for the participating teams and a designated work area will be available.	
11.00 - 11.30	Sign up: Please send a mail to Maria Tørnsø: mtoe@fotonik.dtu.dk It is possible to sign up independently to either the workshop or the hackaton or both. Please specify in signup email.
CONFERENCE SCENE - EXHIBITION HALL	
12.00 - 12.40	Key Note: "Augmenting Experimentation: How Minecraft helps Solve the next AI challenge", Katja Hofmann, Researcher, Microsoft
12.45 - 13.45	Lunch break and networking
CONFERENCE SCENE - EXHIBITION HALL	
13.45 - 14.25	Key Note: "Internet of Things and IBM Watson", Claus Klint, Director of Internet of Things, IBM Denmark
Business Talks: TBA	
15.00 - 15.30	
CONFERENCE SCENE - EXHIBITION HALL	
16.15 - 16.55	Key Note: "Industrie 4.0" - how digitization revolutionizes the production chain", Prof. Dr. Dieter Wegener, Siemens AG, Corporate Technology and ZVEI (German Electrical and Electronic Manufacturers' Association)
17.00 - 17.55	CONFERENCE SCENE - EXHIBITION HALL Network reception

GUIDED TOUR

10.15 - 11.30

Guided tour to DTU Danchip and Cen State of the art nanofabrication

Location: Building 347, seminar room

Meeting point: Conference Scene - Exhibition Hall

Walking distance: 10 minutes

Thursday September 21

Conference Scene - Exhibition Hall

8.00 - 8.55	CONFERENCE SCENE - EXHIBITION HALL Registration
9.00 - 9.40	CONFERENCE SCENE - EXHIBITION HALL Key Note: "Navigating an exponential world", Laila Pawlak, Co-Founder & CEO, SingularityU Denmark
10.15 - 10.40	Empowering the future with Quantum Learning Machine Peter Vermehren Poulsen, CEO, Atos Denmark, and Frederik Kerling, Senior Consultant, Quantum, Atos.
11.30 - 12.10	CONFERENCE SCENE - EXHIBITION HALL Key Note: "Eat data - how digitization is changing the food chain", Kim Escherich, IoT Innovation Architect, IBM Denmark
12.10 - 13.10	Lunch break and networking
13.15 - 13.55	CONFERENCE SCENE - EXHIBITION HALL Key Note: "Global challenges - regional approaches to innovation and tech cooperation", Sophie Hæstorp Andersen, Chairman of the Regional Council, Capital Region of Denmark
14.00 - 14.30	"From Science to Business", CAPNOVA Business Talk: "From Science to Business", Lars Stigel, CEO and PhD, CAPNOVA, and Finn Møhlholt Jensen, CTO and PhD, Bladena
15.00 - 15.25	Hackathon: The secure bike (Announcing winners) In almost all areas is the theft of bikes a challenge. Even at DTU. The right place to solve the problem of creating the secure solution for bikes should be DTU - preventing theft and may be monitoring key parameters of the condition of a bike. This is still unresolved. The secure bike is a challenge to create a solution and demonstrate the functions with real or simulated data. Showing that there is a solution for this very general problem in most areas of the world.

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9.45 - 11.00

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