



Wednesday September 20

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| 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 |

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| 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

9.30 - 10.10 **CONFERENCE SCENE - EXHIBITION HALL** Key Note: "What's next in Nordic Digitization", Eva Berneke, CEO, KMD A/S

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| <p>LOCATION: TBA</p> <p>3D Print and Additive Manufacturing (1) Industry 4.0 and 3D print</p> <p>Intro: TBA</p> <p>Tech Talk: "Industry 4.0 og 3D print efter hypen", David Bue Pedersen, DTU Mechanical Engineering</p> <p>Business Talk: "Øg konkurrenceevnen med industri 4.0", Flemming Hansen, Schneider Electric</p> <p>10.15 - 11.55</p> <p>Tech Talk: "3D print som forudsætning for nye forretningsmodeller", Ingeborg Rosenvinge, Thürmer</p> <p>Wrap up: TBA</p> | <p>LOCATION: TBA</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, Eltronic 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>LOCATION: TBA</p> <p>Big Data, Machine Learning and Artificial Intelligence (1)</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>Sign up: Please send a mail to: NRognlien@arroweurope.com</p> <p>Full information about the workshop: Download ConferenceCommunicator app and find High Tech Summit.</p> | <p>LOCATION: TBA</p> <p>Design your own microcontroller - hands on workshop</p> <p>Workshop: "Design your own microcontroller - hands on workshop"</p> <p>You need to bring a PC and download the needed SW. You will receive links for downloads a few days before the workshop. The workshop will be managed by Arrow and Indesmatech, and will be around 3 hours. You will get a development board for free.</p> <p>Sign up: Please send a mail to: NRognlien@arroweurope.com</p> <p>Full information about the workshop: Download ConferenceCommunicator app and find High Tech Summit.</p> | <p>LOCATION: TBA</p> <p>Internet of Things (1)</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>LOCATION: GLASS HALL</p> <p>Digital Health What are the Potentials and Developments in Digital Health? - and how will they impact pharma and medtech?</p> <p>Tech Talk: Helge B.D. Sørensen, Associate Professor and Head of Biomedical Signal Processing Research group</p> <p>Business Talk: Erik Halvorsen, Director of Innovation, Texas Medical Center X</p> <p>Business Talk: John Zibert, Chief Medical Officer, LEO Innovation Lab</p> <p>Business Talk: Mikkel Harbo, Systematic, Director, Product Management and Delivery</p> <p>Panel debate: "Digital Health Innovation"</p> | <p>LOCATION: TBA</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", Gugli Kofod, Inmold A/S</p> <p>Business talk: "From yoghurt to solar: A new production platform", Henrik Pranov, Henrik Pranov, Heliac</p> | <p>LOCATION: TBA</p> <p>Quantum Technology and Computing (1) Quantum Cryptography</p> <p>Tech Talk: "Introduction to the present communication challenges and overview of quantum technological solutions", Ulrik L. Andersen, Prof., DTU Compute</p> <p>Tech Talk: "Post quantum cryptography", Lars Ramkilde Knudsen, Prof., DTU Compute</p> <p>Tech Talk: "High-speed fiber communication", Leif K. Oxenløwe, Prof., DTU Fotonik</p> <p>Business Talk: "Cyber security", TBA, Center for Cyber Security (FE)</p> <p>Panel discussion: "Solving the security challenge and Danish participation in relevant international QKD programs", Moderator: Cathal Mahon, Qubiz, CEO</p> |
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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

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| <p>LOCATION: TBA</p> <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 Thyroidea. https://stofsiftesupport.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>14.30 - 16.10</p> <p>Tech talk: Demo: "Novel Technology Platform for optimized Monitoring of Patients with Cystic Fibrosis", FatimaAl-Zahraa Al Ataktchi, PhD Student, DTU Nanotech</p> <p>Tech talk: Demo: "Novel Technology Platform for optimized Monitoring of Patients with Cystic Fibrosis", TBA, PhD Student, DTU Nanotech</p> | <p>LOCATION: TBA</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: "Collaborative modular underwater robotic system for long-term autonomous operations", 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 - an opportunity for you?", Søren Manicus, partner, Indesmatech ApS</p> | <p>LOCATION: TBA</p> <p>Big Data, Machine Learning and Artificial Intelligence (2)</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, TBC</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>LOCATION: TBA</p> <p>Business Process Mining</p> <p>Tech Talk: "Introduction into Business Process Mining", Ekkart Kinder, 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>LOCATION: TBA</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>LOCATION: TBA</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", Charlie Catlett, Senior Computer Scientist, Argonne National Lab (TBC)</p> <p>Tech Talk: "The Smart Energy System in Smart Cities", Anders Dyrelund, 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>LOCATION: TBA</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>LOCATION: TBA</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> |
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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 **LOCATION: TBA** 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

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| <p>LOCATION: TBA</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: Jeppe Skinnerup Byskov, Sektionsleder, ph.d. Produktudvikling Materialer, Teknologisk Institut</p> <p>Business Talk: "Producing additively using laser cladding", Peter Tommy Nielsen, Force</p> <p>Wrap up, TBA</p> | <p>LOCATION: TBA</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 a new model for collaboration", VDC Group Manager Christian Østen Rasmussen, Aarsleff</p> <p>Business Talk: TBA</p> <p>Business Talk: "WallMo, the panel mounting co-bot", Managing Director, Lars Andresen, WallMo</p> <p>Business Talk: "Odico Formwork Robotics", CEO Anders Bundsgaard, Odico</p> <p>Business Talk: TBA</p> <p>Panel discussion</p> <p>Demonstration: Site Cover tent Odico, WallMo, And CITIES project (Smart City), Drone - scanning, Drone - inspection, Olli Self-driving public transportation, Internet of things (IoT) at DTU Campus</p> | <p>LOCATION: TBA</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: "TBA", COOP</p> <p>Facilitated Panel Debate between the speaker: "Then what - food in the future?" (facilitator: TBA)</p> | <p>LOCATION: TBA</p> <p>Digital Learning</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>LOCATION: TBA</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>LOCATION: GLASS HALL</p> <p>Digital Health</p> <p>0 Company case: "Bridging Innovation to Commercialization; Neurescue Case" Neurescue, Bjørn Broby, Director of Business Development</p> <p>1. Healthcare innovation presentations, advice for how to navigate and accelerate health innovation:</p> <ul style="list-style-type: none"> • CACHET, CHS project • Region H. • Teknologiuudvikling.dk <p>2. Funding-pitches, short presentations of current funding calls and programmes:</p> <ul style="list-style-type: none"> • H2020, CPH Office EU / DTU Funding office • EIT Health • Innovationsfonden • SEED Capital • Accelerace <p>Networking: Informal networking and matchmaking</p> <ul style="list-style-type: none"> • Q&A with experts who are available after their presentations • Collaboration competition: Submit a project proposal and win dedicated mentoring assistance | <p>LOCATION: TBA</p> <p>Industrial Imaging (1)</p> <p>Welcome: Anders Bjørholm Dahl, Associate professor, Head of Section, DTU Compute</p> <p>BBusiness 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: "MAX IV - imaging at synchrotron facilities", Rajmund Mokso, Honorary Professor, DTU Compute</p> <p>Business Talk: "Quantifying microstructure of stone wool at Rockwool", Dorte Lybye, Leder af R&D-projektprogrammer og interne testlaboratorier, ROCKWOOL Internationa / Lucie Chapelle, ph.d., DTU Vindenergi</p> <p>Business Talk: "Xnovotech - Synchrotron-based microscopy at laboratory scale", Erik Lauridsen</p> <p>Panel discussion: "X-rays and neutrons for imaging"</p> | <p>LOCATION: TBA</p> <p>Quantum Technology and Computing (2) Quantum sensors</p> <p>Introduction to quantum sensing, TBA</p> <p>Tech Talk: "Towards commercialization of diamond-based sensors", Alex Huck, Prof., DTU Physics</p> <p>Tech Talk: "Towards commercialization of atomic sensors", Kasper Jensen, Professor, NBI</p> <p>Tech Talk: "Optical sensing and squeezing", TBA</p> <p>Tech Talk: "Sensing using hyper-polarization", TBA</p> |
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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

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| <p>LOCATION: TBA</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" Ole Ravn, Associate Professor, Head of Group, 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>LOCATION: TBA</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>LOCATION: TBA</p> <p>14.00 - 16.00</p> <p>Audio - Future of Hearing and Health</p> <p>Tech Talk: "The fine art of hearing", Torsten Dau, Prof., DTU Electrical Engineering (TBC)</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", Oticon, Widex & GN Hearing</p> | <p>LOCATION: TBA</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>LOCATION: TBA</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 (TBC)</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>LOCATION: TBA</p> <p>Industrial Imaging (2) High Tech Manufacturing in Denmark</p> <p>Welcome: Henrik Aanæs, Associate professor, DTU Compute</p> <p>Tech Talk: "", Murat KulaHCI, Associate professor, DTU Compute</p> <p>Tech Talk: "", Asim Ikram, , Therma</p> <p>Business Talk: "", Christoph Kandziora, Siemens AG</p> <p>Panel discussion: "Imaging and vision in manufacturing"</p> | <p>LOCATION: TBA</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> |
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15.30 - 16.25 **GLASS HALL** Debate Session: "Technology, Job Creation and Growth" Organized by ATV and DTU Anders Overgaard Bjarklev, President of DTU; Morten Bødskov, formand for erhvervsudvalget, Socialdemokratiet; Jacob Engel-Schmidt, uddannelse og forskningsordfører, Venstre; KL (TBA); and iberline. Introduction: Lia Lef fland, Akademidirektør, civilingeniør, ATV

17.30 - 21.00 **CONFERENCE SCENE - EXHIBITION 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

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| <p>LOCATION: M1</p> <p>Debate: Digital Transformation Organized by DTU Business</p> <p>Intro: "Digital Business Transformation - Make it Happen", Jakob Holst, Executive Director, DTU Business</p> <p>Business Talk: "The Practical Implications of AI", Kenneth Cukier, Senior Editor, Digital Products, The Economist</p> <p>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</p> <p>Business Talk: "Organizing for Radical Innovation and Lean Implementation", Thomas Weikop, Director, MobileLife, Danske Bank</p> <p>LOCATION: BUILDING 113, MEETING ROOM 011</p> <p>Årsmøde for Innovationsnetværket for Miljøteknologi Organiseret af Innovationsnetværket for Miljøteknologi For full programme - see app</p> | <p>LOCATION: TBA</p> <p>New business arising from new technology New business development, Organized by IPU</p> <p>Tech Talk: "From invention to innovation", Lynn Kahle, Associate professor, DTU Diplom, and Klaus Topholm, Associate professor, DTU Diplom</p> <p>Tech Talk: TBA, IoT Denmark</p> <p>Business talk: "Roadmap for industry 4.0 transformations for Danish manufacturing industries", Hans G. Enggrob, CEO, IPU</p> <p>Business talk: "How do knowledge-based companies know what they know?", Christian Holmegaard Mossing, Business Development Director, COWI A/S</p> <p>Discussion</p> | <p>LOCATION: INNOSIX' STAND</p> <p>Sign up for matchmaking session Organized by Innosix</p> | | | |
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12.45 - 13.45

Lunch break and networking

14.30 - 16.10

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| <p>LOCATION: TBA</p> <p>Best Practice Business Cases (1) IoT case stories driven by 'smart' instrumentation, organized by IPU</p> <p>Business talk: "Basic security implementation in IoT network", Jakob Riis, Senior Field Application Engineer, NXP Semiconductor - Denmark</p> <p>Business talk: "From sensor to sunset - Combining electronics, hardware, software and cloud technologies into complete IoT solutions", Morten Kreiberg Block, Engineering Director, Arrow Nordic</p> <p>Business talk: "IOT from prototype to product. Smart solution for building intelligence. A case story", Jakob Bjerre, CSO, Develco and Anyware, TBA</p> <p>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</p> <p>Small Discussion</p> | <p>LOCATION: TBA</p> <p>Collaborative high tech innovation - Matchmaking meeting (1) Organized by Innosix</p> | <p>OTICON HALL AND S-HOUSE 12.00 - 17.00</p> <p>Venture Cup World Cup Exhibition Organized by Venture Cup</p> <p>Theme: Transforming research into business</p> <p>Welcome and Opening the EXPO at Oticon Hall stage</p> <p>Keynote speech by the Director of next47, the new organization of Siemens partnering with innovative start-ups</p> <p>Launch of Venture Cup Nordtek</p> <p>Nordtek Pitch Battle</p> <p>Sofa talk - Future of Work - with McKinsey & Company</p> | <p>Award Show invitation</p> <p>Join us when we are celebrating the best university startups on Earth!!</p> <p>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!</p> <p>Five category winners will be awarded, live-pitch on stage and compete for the grand prize of \$25,000</p> <p>Read more about the University Startup World Cup on http://universityworldcup.com/</p> |
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17.00 - 17.55

CONFERENCE SCENE - EXHIBITION HALL Network reception

18.00 - 22.00

LOCATION: TBA VIP Dinner, Key Note: "Future Trends, Disruption and Digitalization", Jan Madsen, Professor, Deputy Director, DTU Compute.
Key Note: "Intel and More's Law", Pat Mead, SQE Architect, Intel. Host: Marianne Thellersen, Senior Vice President, Innovation and Entrepreneurship



Thursday September 21 - SUPPORTING TRACKS

| | Business inside Technology | Matchmaking and Networking | Startups and corporate engagement | |
|----------------------|---|--|---|--|
| 8.00 - 8.55 | CONFERENCE SCENE - EXHIBITION HALL Registration | | | |
| 10.00 - 11.55 | <p>LOCATION: TBA</p> <p>Implementation of advanced technologies in practice Organized by IPU</p> <p>Business talk: "IoT Alive In Denmark - How IoT plays a significant role in the shaping of a sustainable future by automation and process optimization", TBA, 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.</p> <p>Discussion</p> | <p>LOCATION: TBA</p> <p>Collaborative High Tech Innovation - Matchmaking meeting (2) Organized by Innosix</p> | <p>OTICON HALL - MAIN STAGE 9.30 - 16.00</p> <p>Startup/Corporate Collaboration - DTU Skylab Intro by DTU Skylab</p> <p>"It's a match finding the perfect match between companies, startups and researchers", InnoSix</p> <p>"Open Entrepreneurship - Setting the stage for collaboration in an open setting", Ikhlaq Sidhu, Berkeley</p> <p>"A startup's gateway into the multi trillion dollar automotive industry", Matthias Meyer, BMW Startup Garage</p> <p>Open Innovation X: Innovating societal and industrial challenges How DTU Skylab work with open corporate/student/startup innovation</p> <p>"How companies like Samsung, Korean Telecom, LG, and Hyundai innovate with startups", David Baek, GCCEI Seoul</p> <p>Panel Debate: Ecosystems around the globe Innovation Centre Denmark presents: Silicon Valley, Sao Páolo, Munich and Seoul - different places, different approaches</p> <p>Wrap up: By DTU Skylab</p> | <p>OTICON HALL - FIRESIDE 10.30 - 15.50</p> <p>Open Entrepreneurship - Project launch with startup cases</p> <p>Open Innovation X: Challenge presentation autumn 2017 Theme: Food, by Arla Foods and Ingrediensforum DI</p> <p>Reverse sharktank: Investors in the hot seat How does investors fit into the startup/corporate setting?</p> <p>Growing foods: Food Entrepreneurship: Open dialog between audience, startups and corporates</p> <p>How to startup in: Seoul Innovation Centre Denmark and David Baek</p> <p>How to startup in: Silicon Valley Innovation Centre Denmark and Ikhlaq Sidhu</p> <p>How to startup in: Munich Innovation Centre Denmark and Matthias Meyer</p> |
| 12.10 - 13.10 | Lunch break and networking | | | |
| 14.00 - 15.25 | <p>LOCATION: TBA</p> <p>Best Practice Business Cases (2) 'Connectivity' case stories from transport and logistics, organized by IPU</p> <p>Business talk: "Implementation of telemetric systems for monitoring of trucks. A case story.", Hendrik Höfer, CEO, MicroDoc</p> <p>Business talk: "The connected aircraft", TBA, 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</p> <p>Discussion</p> | <p>LOCATION: GLASS HALL</p> <p>Collaborative Innovation in Practice Organized by Innosix</p> <p>"COLLABORATIVE INNOVATION IN PRACTICE" - with two inspirational case examples</p> <p>"What 'collaborative innovation' really means", Thomas Einfeldt & Ole Jakob Thorsen, partners at Innosix [15 min.]</p> <p>"Introduction to matchmaking at High Tech Summit 2017", Thomas Einfeldt & Ole Jakob Thorsen [10 min.]</p> <p>Case 1: Terma/Percepto, Rasmus Engholm & Jakob Kirkegaard [15 min.]</p> <p>Case 2: Alfa Laval/Heliac, Speakers: Mats Nilsson & Henrik Pranov [15 min.]</p> <p>Panel discussion - Collaborative Innovation [30 min.] Panelists: Rasmus Engholm, Jakob Kirkegaard, Match Nilsson, Henrik Pranov, Ole Jakob Thorsen</p> | | |
| 17.00 - 18.55 | | | <p>OTICON HALL 17.30 - 19.40</p> <p>Stardust DTU Demoday Organized by Stardust</p> <p>1st Pitch session</p> <p>Panel talk: "Success as an entrepreneur: Is it about me or about the team?"</p> <p>2nd Pitch session</p> <p>Panel talk: "Success as an entrepreneur: Is it about me or about the team?"</p> <p>2nd Pitch session</p> | |
| 19.40 - 21.00 | OTICON HALL Stardust DTU DEMO Day and Final High Tech Summit celebration | | | |



Wednesday September 20

Conference Scene - Exhibition Hall

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| 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 TOURS

- 10.15 - 11.15 **Guided tour to DTU Danchip and Cen State of the art nanofabrication**
Meeting point: seminar room 347
- 13.45 - 14.45 **Guided tour to DTU Danchip and Cen State of the art nanofabrication**
Meeting point: seminar room 347

Thursday September 21

Conference Scene - Exhibition Hall

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| 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 Find Møhlholt Jensen, CTO and PhD, CAPNOVA |
| 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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