



DAY 0 TUESDAY, OCTOBER 10TH, 18:00 - 20:00

WELCOME RECEPTION, IN COOPERATION WITH EUROPEAN YOUTH AWARD (only with prior registration)

@ Murinsel
Lendkai 19, 8020 Graz

DAY 1 WEDNESDAY, OCTOBER 11TH

08:00-09:00 Registration Main Entrance Area

09:00-09:15 **OPENING:** Stefanie Lindstaedt, Know-Center & TU Graz and Hannes Robier, World Usability Congress Room 1

09:15-10:15 **OPENING KEYNOTE: BRUCE HORN | SAFFRON TECHNOLOGY GROUP**
"User Experience in a World of Intelligent Agents" Room 1

10:15-10:30 Coffee Break Exhibition Area

Room 2	Room 3	Room 4	Room 5	Room 8
<p>10:30-12:30 SMART PRODUCTION</p> <p>Wolfgang Kienreich Know-Center Session Opening</p> <hr/> <p>Anthony Jameson Chusable AG & DFKI "Human Choices in Smart Production"</p> <hr/> <p>Franz Weghofer Magna Steyr AG & Co KG "Building Spatial Experiences in the Automotive Industry"</p> <hr/> <p>Gerhard Schiefer Andritz AG "METRIS - The Digital Strategy of Andritz"</p> <hr/> <p>Martin Mayer Evon GmbH "Towards Predictive Maintenance - Experiences, Learnings and Industrial Applications"</p> <hr/> <p>Michael Prohammer epcos „Maintenance 4.0 Concepts @ EPCOS OHG"</p> <hr/> <p>Rudolf Pichler Graz University of Technology Graz University of Technology - open platform for research in digital manufacturing</p>	<p>10:15-12:30 SCIENTIFIC WORKSHOP</p> <p>Technology Enhanced Learning in Health Professions Education</p> <p>ORGANIZERS: Richard Fuller, Tamsin Treasure-Jones, Nancy Davies, Viktoria Pammer-Schindler, Stefan Thalmann, Angela Fessler</p> <hr/> <p>INVITED SESSION</p>	<p>10:30-13:00 SCIENTIFIC WORKSHOP</p> <p>Platform Economy & Business Models</p> <p>ORGANIZERS: Gert Breittfuss, Romana Rauter, Christiana Müller</p>	<p>10:00-12:00 SCIENTIFIC WORKSHOP</p> <p>Taking the European data economy to the next level</p> <p>Overcoming barriers faced in the data economy</p> <p>ORGANIZERS: Klara Süveges, Daniel Bachlechner, Sven Abels, Helena Ursic, Ruben Lahiguera</p> <hr/> <p>CO-LOCATED SESSION</p>	<p>10:30 -12:30 BIG DATA NETWORK EUROPE (BY INVITATION ONLY)</p> <p>ORGANIZER: Know-Center</p>

12:30-14:00 LUNCH Dining Area

<p>14:00-16:30 ENTERPRISE 4.0</p> <p>Stefanie Lindstaedt Know-Center & TU Graz Session Opening</p> <hr/> <p>Luca Maria Aiello Nokia Bell Labs „Predictive Analytics in the Connected Society"</p> <hr/> <p>Eveline Steinberger-Kern The Blue Minds Company "Business model design for visionaries"</p> <hr/> <p>Vladimir Preveden Roland Berger GmbH „Of Data and Strategy – How Artificial Intelligence is changing the Rules of the Game"</p> <hr/> <p>Christian Krenn DCCS IT Business Solutions Nelson Silva Know-Center „Supplier Risk Management - Strategic Analysis of Complex Relationships"</p> <hr/> <p>Shah Karim SafeRock „Big Data Case Studies from US Retail and Energy"</p>	<p>14:00-17:30 SCIENTIFIC WORKSHOP</p> <p>Technology Enhanced Learning in Health Professions Education</p> <p>ORGANIZERS: Richard Fuller, Tamsin Treasure-Jones, Nancy Davies, Viktoria Pammer-Schindler, Stefan Thalmann, Angela Fessler</p> <hr/> <p>INVITED SESSION</p>	<p>14:00-15:30 SCIENTIFIC WORKSHOP</p> <p>Taking the European data economy to the next level</p> <p>Putting the European data economy in numbers</p> <p>ORGANIZERS: Klara Süveges, Daniel Bachlechner, Sven Abels, Helena Ursic, Ruben Lahiguera</p> <hr/> <p>CO-LOCATED SESSION</p>	<p>14:00-16:30 BIG DATA NETWORK EUROPE (BY INVITATION ONLY)</p> <p>ORGANIZER: Know-Center</p>
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16:30 - ongoing NETWORKING & SNACK Exhibition & Networking Area

19:00 - ongoing GALA DINNER (only with prior registration) @ Schlossberg Restaurant Schloßberg 7, 8010 Graz

We are very happy to announce that our partner conference, The World Usability Congress (WUC), takes place in Room 10-12 & 14, in parallel to the i-KNOW Data-Driven Future Conference. For the WUC conference programme please visit the backside of the booklet.

The programme can be changed. We will keep you up to date via www.i-know.at and our i-know conference assistant app.

- WUC + i-KNOW Keynotes
- Big Data Labs Europe Workshop
- i-KNOW Main Conference
- Co-located Events
- i-KNOW Scientific Workshops
- Breaks & Social Events



Get more information with the **i-KNOW CONFERENCE ASSISTANT**





DAY 2 THURSDAY, OCTOBER 12TH

08:00-09:00 Registration Main Entrance Area

09:00-10:00 **HARRY BOUWMAN | Åbo Akademi University, MORNING KEYNOTE**
 "The Complexity of Business Model Innovation, some practical Lessons, Cases and Tools" Room 1

10:00-10:30 Coffee Break Exhibition Area

Room 2	Room 3	Room 4	Room 5	Room 8
<p>10:30-12:30 DATA ECONOMY & PLATFORMS</p> <p>Stefanie Lindstaedt Know-Center & TU Graz Session Opening</p> <hr/> <p>Philipp von Eisebeck Sony Music Entertainment „Data vs. intuition: Who makes the hits these days?“</p> <hr/> <p>Stefanie Lindsaedt Know-Center & TU Graz Big Data Network Europe</p> <hr/> <p>Christopher Horn Invenium „Exploring human mobility at scale“</p> <hr/> <p>Dirk Hamelinck imec „Distributed or Federated ... what taste that fits your business?“</p> <hr/> <p>Allan Hanbury Research Studios Austria Data Market Austria & Industrial Dataspace Germany</p> <hr/> <p>Carlos Härtel General Electric Europe „Minds & Machines – Building the digital-industrial Enterprise“</p>	<p>10:00-12:30 SCIENTIFIC WORKSHOP</p> <p>Technology, Algorithms and Humans in Industry 4.0</p> <hr/> <p>Sami40 – 2nd International Workshop on Science, Application and Methods in Industry 4.0</p> <hr/> <p>ORGANIZERS: Roman Kern, Gerald Reiner, Olivia Bluder, Rene Kaiser</p>	<p>10:00-12:30 SCIENTIFIC WORKSHOP</p> <p>Data-Driven Decision Support for Digitized Work Environments</p> <hr/> <p>ORGANIZERS: Stefan Thalmann, Daniel Bachlechner, René Peini, Michael Kohlegger, Sebastian Bader, Philipp Gölzer, Eric Schoop, Markus Vorderwinkler, Günter Schreier, Dieter Hayn</p>	<p>10:00-12:30 SCIENTIFIC WORKSHOP</p> <p>RS-SNA – International Workshop on Social Network Analysis</p> <hr/> <p>ORGANIZERS: Alexander Felfernig, Denis Helic, Elisabeth Lex, Stefan Reiterer, Dominik Kowald, Emanuel Lacic, Christoph Trattner, Christian Gütl</p>	<p>10:15-13:00 CO-LOCATED SESSION</p> <p>Digitalisation in the Healthcare Sector</p> <hr/> <p>ORGANIZERS: Know-Center & Human. technology Styria</p>


12:30-14:00 LUNCH Dining Area

<p>14:00-16:30 DATA MANAGEMENT & SECURITY</p> <p>Stefanie Lindstaedt Know-Center & TU Graz Session Opening</p> <hr/> <p>Bernhard Niedermayer Catalysts GmbH „Data Management as a Service“</p> <hr/> <p>Christian Derler JOANNEUM RESEARCH „Secure Smart Technologies“</p> <hr/> <p>Tomas Chroust BearingPoint “Gaining insight through advanced information visualization“</p> <hr/> <p>Christian Rechberger Graz University of Technology „Fundamental enablers: Cryptography and Blockchains“</p> <hr/> <p>Stefan Mangard, Graz University of Technology “Security challenges in the IoT“</p>	<p>14:00-16:00 SCIENTIFIC WORKSHOP</p> <p>Technology, Algorithms and Humans in Industry 4.0</p> <hr/> <p>Human Computer Interaction (HCI) Perspectives on Industry 4.0</p> <hr/> <p>ORGANIZERS: Mario Aehnelt, Ralf Klamma, Tobias Ley, Ronald Maier, Thomas Meneweger, Viktoria Pammer-Schindler, Manfred Tscheligi, Daniela Wurhofer</p>	<p>14:00-16:00 SCIENTIFIC WORKSHOP</p> <p>Data-Driven Decision Support for Digitized Work Environments</p> <hr/> <p>ORGANIZERS: Stefan Thalmann, Daniel Bachlechner, René Peini, Michael Kohlegger, Sebastian Bader, Philipp Gölzer, Eric Schoop, Markus Vorderwinkler, Günter Schreier, Dieter Hayn</p>	<p>14:00-16:00 SCIENTIFIC WORKSHOP</p> <p>RS-SNA – International Workshop on Social Network Analysis</p> <hr/> <p>ORGANIZERS: Alexander Felfernig, Denis Helic, Elisabeth Lex, Stefan Reiterer, Dominik Kowald, Emanuel Lacic, Christoph Trattner, Christian Gütl</p>	<p>14:00-16:00 ITCS Board Meeting</p> <hr/> <p>CLOSED SESSION, BY INVITATION ONLY</p>
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16:30-17:00 **DATA SCIENCE CHALLENGE AWARD PRESENTATION & CLOSING** Room 2

Big data is nothing without algorithms - to leverage the treasure of big data data scientists are essential.

With the aim to discover hidden talents Know-Center organized the first Data Science Challenge sponsored by T-Mobile Austria. The challenge attracted 40 participating teams from Europe, Asia, Africa and the United States. The five best teams are now invited to the i-KNOW Data-Driven Future Conference in Graz, the three best contributions will be awarded at the awards ceremony.



17:00-ongoing **NETWORKING & FAREWELL** Exhibition & Networking Area

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