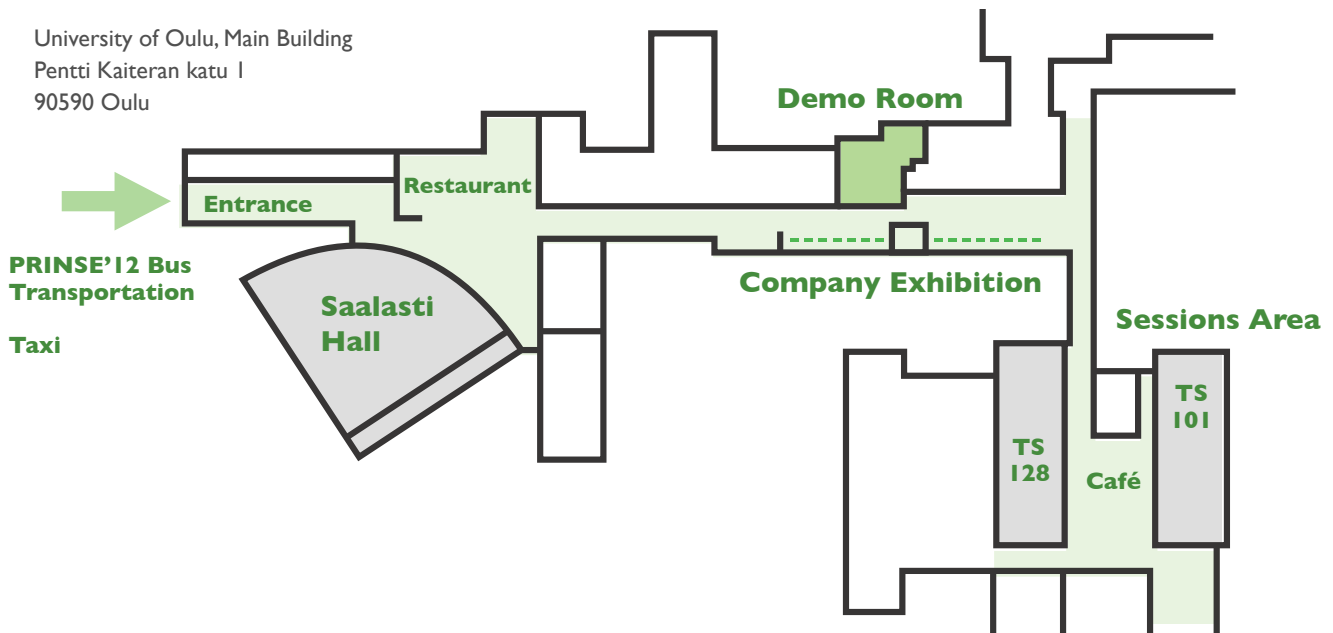


## PRINSE'12 SEMINAR MAP

University of Oulu, Main Building  
Pentti Kaiteran katu 1  
90590 Oulu



## Wednesday 14.3.2012

9:00-11:00	<b>Opening &amp; Keynote</b> Chair: Jouko Suokas, VTT	Saalasti Hall
9:00-9:15	<b>Welcome &amp; Opening – Harri Kopola &amp; Olli Silven, VTT &amp; University of Oulu</b>	Saalasti Hall
9:15-9:45	<b>Keynote – Connecting Printed And Electronic “Worlds” - DNP Way, Mitsuru Iida, DNP</b>	Saalasti Hall
9:45-10:15	<b>Keynote – How to make business out of Printed Intelligence, David Fyfe, David Fyfe Consulting</b>	Saalasti Hall
10:15-10:45	<b>Keynote – Electroceramics - Opportunity in printed applications, Heli Jantunen, University of Oulu</b>	Saalasti Hall
10:45-11:00	<b>PrintoCent Programmes and Pilot Factory introduction, Ilkka Kaisto, VTT</b>	Saalasti Hall
11:00-13:00	<b>Lunch buffet</b>  <b>Company Exhibition</b> (see Map) <b>Demo Room</b> (see Map) <b>Posters</b> at Saalasti Hall <b>PrintoCent Pilot Factory tour</b> at University of Oulu premises: Tour I at 11.00 and Tour II at 12.00. Both tours starts at front of the Saalasti Hall	Restaurant, Main Building University of Oulu

# Wednesday 14.3.2012

13:00-14:40	<b>Session 1</b> <i>Saalasti Hall</i> <b>Materials for Printed Intelligence</b> Chair: Arto Maaninen, VTT	<b>Session 2</b> <i>Room TS 101</i> <b>New Printed products I</b> Chair: Sakari Kauppinen, OUAS	<b>Session 3</b> <i>Room TS 128</i> <b>Open Call Session</b> Chair: Juha Rantala, Lumichip Ltd.
13:00-13:20	<b>Materials Innovation at Xerox</b> Yiliang Wu, Xerox	<b>Bringing everyday objects and surfaces to life</b> Jani-Mikael Kuusisto, Ynvisible	<b>Matching Technology for Roll-to-Roll Printed Electronics</b> Kee Hyun Shin, Toba
13:20-13:40	<b>Specialty Chemistry's approach to printed electronics</b> Martina Weidner, Altana	<b>Colored electrochromic materials</b> Tero Mustonen, BASF	<b>Accurate Assembly</b> Lauri Antila, JOT Automation (10 min.) <b>High precision narrow web R&amp;D R2R Printing Machine</b> Markku Käsäkoski, MK Fluidics Oy / Suomen Optomekaniikka Oy (10 min.)
13:40-14:00	<b>High Performance Semiconductors for Solution Processable OTFT and OPV</b> Tomas Backlund, Merck	<b>Sustainable Wide Web Brand Promotion and Protection by Hot Embossing</b> Jaakko Raukola, Iscent Oy	<b>Mekoprint printing services</b> Jakob Bork, Mekoprint (10 min.) <b>Nanocomp – Your Partner in Thin Foil Optics</b> Pekka Savander, NanoComp Oy (10 min.)
14:00-14:20	<b>Ultra-slim flexible glass substrates for continuous device fabrication</b> Sean Garner, Corning	<b>Spektikor - disposable heart beat indicator for rescue personnel</b> Kari Kivistö, Spektikor Oy	<b>Point of Sales</b> Riku Rikkola, VTT (10 min.) <b>Printed Electronics 2012-2022: Strategies, Forecasts and Trends</b> Raghu Das, IDTechEx (10 min.)
14:20-14:40	<b>Moisture barrier coatings by ALD – towards industrial roll-to-roll</b> Mikko Saikkonen, Beneq	<b>Printed memory roadmap – demonstration of addressable array memory</b> Per Bröms, Thinfilm Electronics AB	<b>Technology start-up – key steps to growth</b> Jouko Uusitalo, Technopolis (10 min.) <b>IEC TC119 - Born to grow rich together</b> Kee Hyun Shin, Konkuk University (10 min.)
14:40-15:00	<b>Coffee Break</b>		Restaurant, Saalasti Hall Café, Sessions Area

# Wednesday 14.3.2012

15:10-16:30	<b>Session 4</b> <i>Room TS 101</i> <b>Diagnostics</b> Chair: Markku Käsäkoski, MKFluidics	<b>Session 5</b> <i>Saalasti Hall</i> <b>Processes, Machinery &amp; Measurement</b> Chair: Raimo Korhonen, VTT	<b>Session 6</b> <i>Room TS 128</i> <b>Tech Company Financing and Funding</b> Chair: Christian Sundell, Business Oulu
15:10-15:30	<b>Assessment technology and the aging population: delivering better care!</b> Peter Curran, Simavita Ltd.	<b>Assembly and production from roll to package</b> Teijo Fabritius, Global Innovation Network Oy	<b>Wise money for startups: New financing vehicle for innovative startups operating in Oulu area</b> Ville Heikkinen, Business Oulu
15:30-15:50	<b>Orion Diagnostica on Printed Intelligence</b> Aino Takala, Orion Diagnostica	<b>New innovative technology for measuring surface topography and tomography</b> Heimo Keränen, FocalSpec Oy	<b>How to raise funding - from early stage through growth</b> Timo Ahopelto, Lifeline Ventures
15:50-16:10	<b>Printed electrochemical sensor development platform</b> Marja Nissinen, Oulu University of Applied Sciences	<b>Upscaling from Lab2Fab in Printed Electronics</b> Thomas Kolbush, Coatema	<b>Tekes' new strategy and foreign R&amp;D in Finland</b> Kari Ruutu, Tekes
16:10-16:30	<b>Future opportunities in Point of Care diagnostics</b> Seppo Mäkinen, Taikon Advisor Oy	<b>MotionControl for high-end R2R web processing</b> Andreas Fritzsche, Bosch Rexroth	<b>Finnvera Plc early-stage VC-funding</b> Vesa-Pekka Kursu, Finnvera Plc Venture Capital
16:30-18:30	<b>PrintoCent Pilot factory tours – Visit to VTT and Oulu University of Applied Sciences (bus transportation available)</b> Bus 1 at 16.40 route VTT-OUAS-hotel Arina at 18.10 Bus 2 at 16.40 route OUAS-VTT-hotel Arina at 18.20 Bus 3 at 17.00 route VTT-OUAS-hotel Arina at 18.35		VTT, Kaitoväylä I OUAS, Kotkantie I (bus transportation available)
19:00-20:30	<b>Oulu City Reception at City Hall</b> <b>Address: Kirkkokatu 2A, (two minutes guided walk from hotel Arina)</b>		City Hall, Kirkkokatu 2A

# Thursday 15.3.2012

9:00-10:20	<b>Session 7</b> <i>TS 101</i> <b>Energy sources and storage</b> Chair: Jukka Hast, VTT	<b>Session 8</b> <i>Saalasti Hall</i> <b>New Printed products 2</b> Chair: Ed Van den Kieboom, Innovation Fab	<b>Session 9</b> <i>Demo Room</i> <b>PrintoCent Programme - Info &amp; discussion</b> Chair: Ilkka Kaisto, VTT		
9:00-9:20	<b>Where are the printed batteries - and their applications?</b> Risto Huvila, Enfucell	<b>Opportunities for Flexible and Disposable Electronics</b> Maurizio Greco, STMicroelectronics	<b>PrintoCent Programme I</b>	<b>PrintoCent Programme II</b>	<b>PrintoCent Programme III</b>
9:20-9:40	<b>Development and Commercialisation of Flexible Organic Solar Modules for Off-Grid Markets</b> Jurjen Winkel, Eight19	<b>Walki 4E Technology - a new way to produce flexible circuit boards</b> Mats Holti, Walki			
9:40-10:00	<b>Eni's activity in OPV</b> Andrea Bernardi, ENI	<b>Green manufacturing of flexible and formable carbon based electronics by Direct Dry Printing</b> David Brown, Canatu			
10:00-10:20	<b>Advancing Low-Cost Photovoltaics</b> Christoph Sele, Solar Press	<b>Recent progress of flexible display development in AUO, Norio Sugiura, AUO</b>			

Contact persons for the new PrintoCent Programmes:

**Cluster Industrialization**  
Christian Sundell, Business Oulu

**Pilot Manufacturing**  
Mikko Paakkolanvaara, VTT

**Killer Applications**  
Riku Rikkola, VTT

10:20-10:40	<b>Short Break</b>	
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10:40-11:50	<b>Session 10</b> <b>Keynote &amp; Closing</b> Chair: Harri Kopola, VTT	Saalasti Hall
10:40	<b>Keynote – Overview of printing technologies at Bosch,</b> Carsten Herweg, Robert Bosch	Saalasti Hall
11:10	<b>Keynote – The European Horizon for organic and large area electronics,</b> Philippe Reynaert, European Commission	Saalasti Hall
11:40	<b>Summary and conclusions,</b> Harri Kopola, VTT	

11:50	<b>Lunch</b>	Restaurant, Main Building
12:30	<b>Transportation</b> from University of Oulu to Sokos hotel Arina and Oulu Airport	