



Aalto University

Programme

The **Impact of Universities** on **Economic Growth**

Aalto University Academic Summit
18–20 November 2014

Tuesday 18 November

From Research to Innovation

Messukeskus Helsinki, Expo and Convention Centre
Entrance: Hotel Holiday Inn, Messuaukio 1, Helsinki

8.00–12.45	<i>Hotel Holiday Inn, lobby</i> Registration
8.30–11.00	<i>Messukeskus Helsinki, Expo halls 4–5</i> Opening of the Aalto University Academic Summit Yrjö Neuvo , Professor, Aalto University, former CTO of Nokia and Member of Nokia Group Executive Board Mikko Kosonen , PhD (Econ), President, Sitra – The Finnish Innovation Fund Juho Hyytiäinen , Student/Entrepreneur, SLUSH organisation
10.00–11.30	<i>Messukeskus Helsinki, Expo halls 4–5</i> Official opening and introduction of SLUSH The biggest startup event in Eurasia
11.30	<i>Messukeskus Helsinki, Southern entrance</i> Meeting point at Aalto University Expo Stand to go to the next session location
11.40–12.30	<i>Messukeskus Helsinki, Meeting room 102</i> Changing the Game: Academic Entrepreneurship The discussion focuses on how universities can enhance academic entrepreneurship through their academic programmes and thus contribute to boost economic growth. What should, or should not, be done to build entrepreneurial ecosystems? <i>Chair: Ingmar Björkman</i> , Dean, Aalto University School of Business <i>Speakers:</i> Marja Makarow , Professor, Vice President for Research, Academy of Finland and Member of the Governing Board of EIT, former CEO of the European Science Foundation Inka Mero , Founder and Chairwoman, KoppiCatch seed investor and accelerator Jesse Nieminen , Co-founder, Viima Solutions Oy Alfons Sauquet , Dean, ESADE School of Business, Barcelona, Spain
12.45	Transportation from Messukeskus Helsinki to Dipoli Departure: Hotel Holiday Inn

Aalto University, Otaniemi campus
Dipoli, Otakaari 24, Espoo

13.00–14.00	Lunch break
13.00–17.30	<i>Dipoli</i> Registration
14.00–15.30	<i>Dipoli Auditorium</i> The Impact of Science on Human Health Science has impacted human health and well-being profoundly, and the prospects for the future are even more dramatic, with concepts such as personalised medicine, functional brain mapping, and novel technologies for healthcare. The discussion revolves around the outlook of science in the service of human health and well-being. <i>Chair: Risto Nieminen</i> , Academician, Dean, Aalto University School of Science <i>Speakers:</i> Sir Colin Blakemore , Professor of Neuroscience & Philosophy, University of London, United Kingdom Riitta Hari , Aalto Distinguished Professor, Academician of Science, Aalto University, Member of the US National Academy of Sciences Jonathan Knowles , Professor, FIMM – Institute for Molecular Medicine Finland, University of Helsinki and Visiting Professor, University of Oxford Aarno Palotie , Professor, Broad Institute of MIT and Harvard and the Massachusetts General Hospital, Research Director of the Human Genomics Program, Institute for Molecular Medicine, University of Helsinki
15.30–16.00	Coffee break
16.00–17.30	<i>Dipoli Auditorium</i> How to Build Flourishing Innovation Ecosystems? The world's best innovation ecosystems, such as Silicon Valley, have grown around excellent universities. World-class universities trigger new innovations by attracting global talent and investments to produce new knowledge and pioneering technology. This session brings together world-renowned experts to analyse how university-based innovation ecosystems support economic growth and how governments can support the development of such ecosystems into productive engines of innovation. <i>Chair: Ilkka Niemelä</i> , Provost, Aalto University <i>Speakers:</i> R. Frederic Henschel , Partner, Intellectual Property Lawyer, Foley & Lardner LLP, United States of America Mervi Karikorpi , Director of Innovation Environment and Renewal, The Federation of Finnish Technology Industries Lars Pallesen , President (Em.) Technical University of Denmark, Denmark Lesley Thompson , Director, UK Engineering and Physical Sciences Research Council, United Kingdom Colin Whitehouse , Professor, former Deputy Chief Executive of the UK Science and Technology Facilities Council and Pro Vice Chancellor for Research and Innovation at the University of Sheffield, United Kingdom

Wednesday 19 November

Co-creating the Next Millennium

Aalto University, Otaniemi campus
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8.00–17.00	<i>Dipoli</i> Registration
9.00–10.30	<i>Dipoli Auditorium</i> From Research to ICT Innovations This session covers in a tutorial manner, on one hand, areas where major hardware and software research breakthroughs may originate and, on the other, how ICT based innovations play an ever-increasing role in solving our global challenges. The session begins with short introductions by renowned experts and is followed by an interactive discussion. <i>Chair:</i> Yrjö Neuvo , Professor, Aalto University, former CTO of Nokia and Member of Nokia Group Executive Board <i>Speakers:</i> Didier Deltort , Global Vice President and General Manager, Monitoring Solutions, GE Healthcare Sebastian Nyström , Head of Products, Nokia Technologies Stuart Parkin , Millennium Prize Laureate 2014, IBM Fellow, IBM Almaden Research Center. Visiting Professor at Max Planck Institute, Martin Luther University, Germany
10.30–11.00	Coffee break
11.00–12.30	<i>Dipoli Auditorium</i> Creating Together The panellists debate on the subject of co-creation, crowdsourcing and the power of the individual versus a team. Can participating in this session of the summit make you change your mind on this subject? <i>Chair:</i> Anna Valtonen , Dean, Aalto University School of Arts, Design and Architecture <i>Debaters:</i> Simon Perry , Film Producer, President, Ateliers du Cinéma Européen, Ireland Stuart Walker , Professor, Director, Imagination Lancaster Research Centre, Lancaster University, United Kingdom
12.30–13.30	Lunch break
13.30–17.00	Addressing Our Global Challenges Through Research and Innovation Mitigating climate change and meeting future needs of energy and materials are the driving forces for bioeconomy. The very survival of mankind will depend on rapid and efficient transition from fossil to renewable resources and sustainable technology. In this session, experts on both science and real-world applications discuss how ground-breaking scientific innovations lead to new and sustainable technology and new business. Cases: Bioeconomy and Sustainable Technologies
13.30–15.00	<i>Dipoli Auditorium</i> Case: Bioeconomy <i>Chair:</i> Janne Laine , Dean, Aalto University School of Chemical Technology <i>Speakers:</i> Magnus Berggren , Professor of Organic Electronics, Marcus Wallenberg Prize 2014 Laureate, Linköping University, Sweden Olli Ikkala , Academy Professor, Aalto University School of Science Ed de Jong , VP Development, Avantium Chemicals, the Netherlands
15.00–15.30	Coffee break
15.30–17.00	<i>Dipoli Auditorium</i> Case: Sustainable Technologies <i>Chair:</i> Marita Niemelä , Vice President, Strategy, Valmet Pulp and Energy <i>Speakers:</i> Heidi Fagerholm , CTO, Member of the Management Board, Kemira Mikael Hannus , Vice President, Biorefinery, Stora Enso, Sweden Lars Peter Lindfors , Senior Vice President, Technology, Neste Oil
17.00	Refreshments and networking

Thursday 20 November

Getting to know Otaniemi campus

Aalto University, Otaniemi campus
Departure from Dipoli, Otakaari 24, Espoo

9.00–12.00	Thematic campus tours: Education and Science The organised tours are run in parallel. Education tour: visit the various Aalto University hubs and learning spaces such as Design Factory and Digital Design Laboratory. Science tour: visit some of Aalto University scientific facilities such as the Nanomicroscopy Centre, The Laboratory of Water Engineering and the Centre for Micro and Nanotechnology.
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Co-organising partners:

SITRA

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Partners:

The Federation of Finnish
**Technology
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