



AALBORG UNIVERSITET

EUROLICS WORKSHOP

MAY 31, 2018

AALBORG UNIVERSITY

IKE RESEARCH GROUP

DEPARTMENT OF BUSINESS AND MANAGEMENT

FIBIGERSTRAEDE 11

AALBORG, DENMARK

The workshop will be divided into two half-day sessions, the morning session devoted to *Transformative Innovation Systems*, and the afternoon session to *Industry 4.0*.

This workshop is being held in the spirit of contributing to the revitalisation of EuroLics and we will reserve time for a discussion on organising possible follow-up events.

REGISTRATION NO LATER THAN MAY 23, 2018 TO

Birgitte Gregersen, bg@business.aau.dk



Transformative Innovation Systems

9.00-9.15	Welcome and Introduction by Birgitte Gregersen , Aalborg University: How relevant is the notion of Innovation Systems for analysing transformative change?
9.15-9.35	An innovation systems perspective on transformative change. Introduction by Cristina Chaminade , Lund University <i>[Background paper: Chaminade, Lundvall & Haneef: Innovation policies for transformative change: an IS perspective]</i>
9.35-9.55	Innovation, innovation policy and sustainable transitions. Introduction by Jan Fagerberg , Oslo University <i>[Background paper: Fagerberg: Mission (im)possible? Role of innovation (and innovation policy) in supporting structural change & sustainability transitions]</i>
9.55-10.15	Reconceptualising policy for sustainable innovation Introduction by Jakob Edler , Manchester University <i>[Background paper: Boon & Edler: Demand, challenges and directionality. Re-conceptualising policy for innovation, forthcoming SPP 2018]</i>
10.15-10.30	Coffee break
10.30-11.30	Open discussion [Jesper Lindgaard Christensen , Aalborg University, will open the discussion] Focus on convergence or/and divergence in the different analytical frameworks. Is there a common ground?
11.30-12.00	Wrap up session: What should be the next steps (within EuroLics) on Transformative Innovation System? Potential output of the workshop
12.00-13.00	Lunch

VENUE: Aalborg University, Department of Business and Management,
Fibigerstraede 11, 9220 Aalborg Oe, room 115

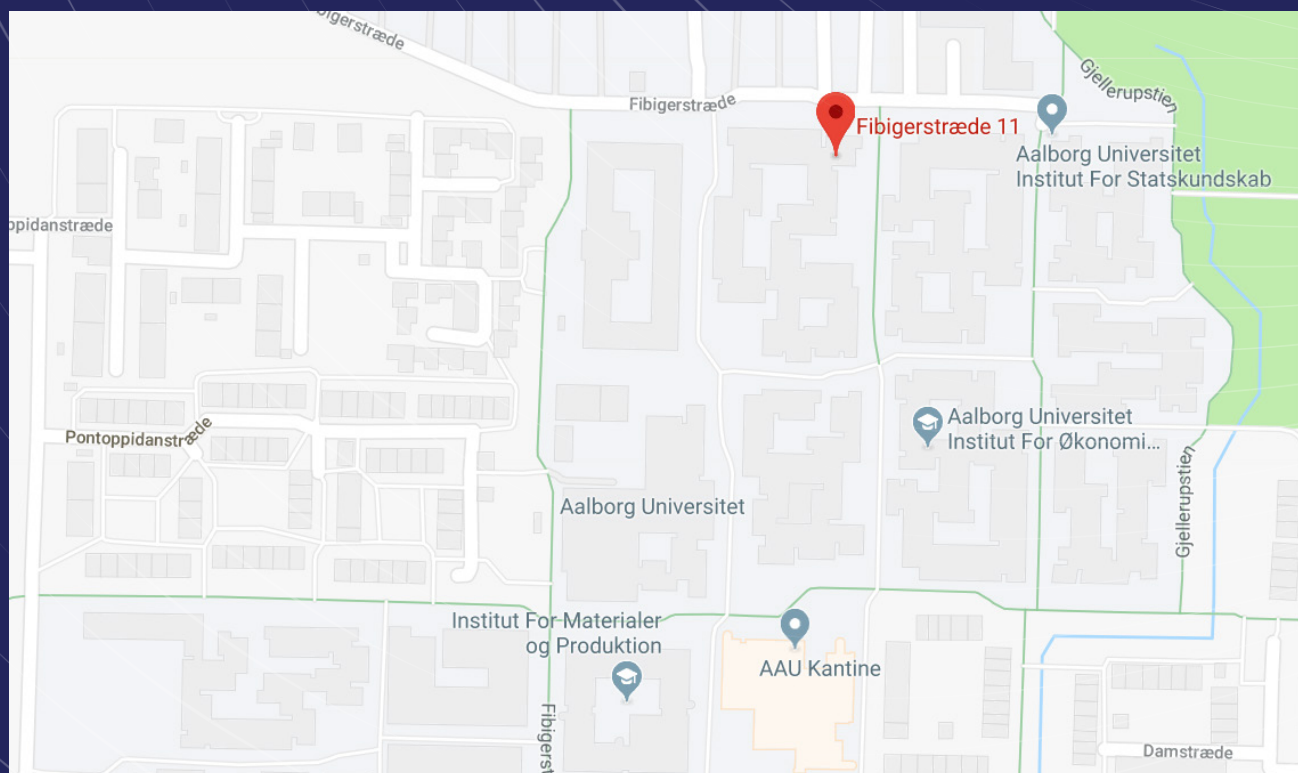
LUNCH: Fibigerstraede 11, room 117

Industry 4.0: Theoretical Perspectives, Empirical Evidence and Policy Debates

13.00-13.15	Opening comments by Ned Lorenz , University of Nice Sophia- Antipolis and Aalborg University
13.15-13.45	Robotics and the debate on employment and earnings by Bart Verspagen , Maastricht University, UNI-MERIT
13.45-14.15	Digital Industrial Policy in Europe by Padmashree Sampath , UNCTAD, International Centre for Trade and Sustainable Development, Adjunct professor Aalborg University.
14.15-14.45	<p>Open discussion structured around the following questions:</p> <ul style="list-style-type: none"> • What will be the impact of automation technologies based on AI and robotics on employment and what differences can be expected across different regions of the EU? • What are the main emerging technologies that will have an impact on sustainable economic development and what are the main challenges for the adoption and scaling of these technologies in the industrial bases of European nations? • How can industrial and social policy can be used to reduce the negative potential impacts and increase the positive potential impacts of Industry 4.0?
14.45-15.00	Coffee break
15.00-15.30	Privatization of a research field: Who decides where Machine Learning and Artificial Intelligence is going? by Daniel Hain and Roman Jurowetzki , Aalborg University
15.30-16.00	A Place-based View on Industry 4.0 in Systems of SMEs by Marco Bellandi , University of Florence
16.00-16.30	Skills, Work Organization and Job Polarization in Denmark by Jacob Rubæk Holm , Aalborg University and Ned Lorenz
16.30-16.45	Coffee break
16.45-17.15	<p>Open discussion structured around the following questions:</p> <ul style="list-style-type: none"> • What are the main risks for increasing job polarisation within countries due to the adoption of emerging and possibly disruptive technologies? • What are the implications of Industry 4.0 for the servitization of Systems of SMEs. What will be the impact on the possible advantages of proximity in terms of knowledge spill-overs? • How are AI and related automation technologies affecting business models?
17.15-17.45	Wrap up session: Directions for future EuroLics activities: Cooperation with AfricaLics and Globelics.
19.30-	Dinner [restaurant tba]



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