



2.–3.12.2019
 Finlandia Hall, Helsinki
 #datadrivenstability
 #financialstability

Day 1

Monday, 2 December 2019

08:30-09:00	Registration and coffee
09:00-09:15	Olli Rehn, Governor (Suomen Pankki)
09:15-10:15	Bruno Tissot, Head of Statistics and Research Support (Bank of International Settlements)
10:15-10:45	Refreshments
Session 1	Data driven transformation
	<i>The more intensive use of AI and data is quickly becoming a core feature throughout the workflow. What type of challenges does this represent for official statistics and how do these changes affect the way financial markets operate?</i>
10:45-11:15	Louis Marc Ducharme, Chief Statistician and Data Officer, and Director Statistics Department (International Monetary Fund)
11:15-11:45	Jon Frost, Senior Economist, Innovation and the Digital Economy unit (Bank of International Settlements)
11:45-12:15	Robert Macrae, Research Associate (Systemic Risk Centre)
12:15-13:45	Buffet lunch

Session 2	Understanding the risks in complex technologies
	<i>Financial services is of the fastest adapters of AI. While AI systems are used to drive efficiency and new value, also new types of risks emerge. AI systems can be hard to interpret, lack auditability, and potentially may introduce new unintended consequences to the financial system. What type of measures can be taken in order to manage the ethics of these technologies?</i>
13:45-14:15	Meeri Haataja, Chief Executive Officer and Co-Founder (Saidot)
Session 3	Identifying interconnectedness
	<i>Data driven business models can create new types of interconnectedness between entities. How can the application of AI and big data help in identifying new systemically important entities?</i>
14:15-14:45	Tuomas Peltonen, Deputy Head of the Secretariat (European Systemic Risk Board)
14:45-15:15	Jan-Willem Ophof, Global FSI Technology Strategist (Microsoft) and Vadim Sobolevski, Co-founder (FutureFlow)
15:15-15:45	Refreshments
Session 4	Collaboration and open source initiatives
	<i>The challenges in building and managing data solutions is becoming so large, that a growing number of bodies are turning to open sourcing their code and data in order to benefit from collaborative development. How can open data sets and source code promote financial stability?</i>
15:45-16:15	Jacopo Grazzini, Statistical Officer (Eurostat)
Session 5	Opportunities and barriers in technology adoption and innovation
	<i>Technology can provide a wide range of capabilities to help solve business problems, but requires a high level of digital maturity from organizations. What are the biggest opportunities and obstacles in embedding advanced technologies to business operations?</i>
16:15-16:45	Ginger Jin, Amazon Scholar (Amazon)
16:45	End of first day

Day 2

Tuesday, 3 December 2019

08:30-09:00	Registration and coffee
Session 6	Alternative data and data mining as a source for new insight
	<i>There's is a growing number of new data sources available. Data sets such as sensor data and microtransaction data complemented with new methods of datamining are opening up new ways to analyze and understand financial markets.</i>
09:00-09:30	Edgar Meij, Head of AI Discovery (Bloomberg)
09:30-10:00	Markus Tibblin, Chief Data Officer (Sveriges Riksbank)
10:00-10:30	Refreshments
Session 7	New trends shaping financial services
	<i>Artificial intelligence and big data technologies advance rapidly. What are the current major trends? How will these emerging technologies shape the future of financial services, and what are the major type of risks contained in these technologies?</i>
10:30-11:00	Matthew Blake, Head of Financial and Monetary Systems Initiatives (World Economic Forum)
Session 8	Future of financial stability
	<i>Will a more data driven financial ecosystem be more efficient and stable, or will it increase systemic vulnerabilities and extreme phenomena? What will be the role of data giants in financial markets?</i>
11:00-11:20	Klaus Wiedner, Director, DG Financial Stability, Financial Services and Capital Markets Union (European Commission)
11:20-11:40	Steffen Kern, Chief Economist and Head of Risk Analysis (European Securities and Markets Authority)
11:40-12:00	Heli Koski, Research Director (Research Institute of the Finnish Economy & Aalto University)
12:00-12:40	Panel discussion hosted by Aleksi Grym, Head of Digitalisation (Bank of Finland)
12:40-12:50	Closing remarks
12:50-14:15	Buffet lunch and end of conference