# Masterclasses on New Approaches to Economic Challenges

**17 April 2019 – OECD, Paris (CC5)**

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| **9.30-11.00** | **Complexity Economics** |
| | Led by Alan Kirman, Chief Advisor for NAEC, CAMS-EHESS, Paris |
| **11:00-11:30** | Break |
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| **11:30-13:00** | **Agent-Based Modelling** |
| | Robert Axtell, Chair of the Department of Computational Social Science at George Mason University, and Santa Fe Institute |
| **13:00-14:30** | Lunch |
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| **14:30-16:00** | **Networks and Systemic Risk** |
| | Led by Thomas Hurd, Professor of Mathematics, McMaster University, Toronto |
| **16:00-16:15** | Break |
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| **16:15-17:45** | **An Introduction to Stock-flow Consistent Models in Macroeconomics** |
| | Led by Matheus Grasselli, Professor of Mathematics, McMaster University and the Fields Institute, Toronto<br><br>***Abstract**: In these lectures I will introduce and discuss several well-known (and some less known) dynamic macroeconomic models and analyse their properties in a unified stock-flow consistent framework. In discrete-time, I'll focus primarily on the benchmark model of Dos Santos and Zezza (2008) and some of its variants. In continuous-time, I'll discuss the Goodwin model and many of its extensions, several variants of the Keen model, as well as other models incorporating Minskyan features, such as the Taylor and O'Connel model.* |

**Register (OECD)**

**Register: naec@oecd.org**

**Webcast**

The masterclasses are preceded by a two-day conference under the auspices of the New Approaches to Economic Challenges (NAEC) Initiative called "New Analytical Tools and Techniques for Economic Policymaking" on 15-16 April 2019.

Further details are available here:

**http://www.oecd.org/naec/new-economic-policymaking/**

Those interested in attending the Conference or Masterclasses should register at naec@oecd.org.