

## Workshop on Climate and the Economy

### Monday, July 15, 2019

9:00 - 10:00	<b>Tony Smith</b> (Yale): <i>Climate change around the world</i> <b>Coffee break</b>
10:30 - 11:15	<b>Thomas Lontzek</b> (RWTH Aachen): <i>Tipping point dynamics in climate-economy systems</i>
11:15 - 12:00	<b>Detlev van Vuuren</b> (PBL & Utrecht): <i>Carbon budgets, the costs of reaching targets and sources of uncertainty</i> <b>Lunch break</b>
14:00 - 14:45	<b>Simon Dietz</b> (LSE): <i>Economics of climate change</i>
14:45 - 15:30	<b>Illia Horenko</b> (USI Lugano): <i>Towards a low-cost scalable data-driven modeling of coupled systems</i> <b>Coffee break</b>
16:00 - 16:45	<b>Sweder van Wijnbergen</b> (Amsterdam): <i>Discounting the future: on climate change, ambiguity aversion and Epstein-Zin preference</i> <b>Informal discussions</b>
18:00 - 20:00	<b>Drinks</b>

### Tuesday, July 16, 2019

9:00 - 9:45	<b>Leonard Smith</b> (LSE): <i>Coping with model inadequacy in geophysics and economics, a just enough decisive information (JEDI) approach</i> <b>Coffee break</b>
10:15 - 11:00	<b>Freddy Bouchet</b> (Lyon): <i>Increasing the sample size for climate extremes in catastrophe models, by several orders of magnitude, at a fixed numerical cost</i>
11:00 - 11:30	<b>Henk Dijkstra</b> (Utrecht): <i>Economics of geoengineering</i>
11:30 - 12:00	<b>Christian Franzke</b> (Hamburg): <i>Probabilistic assessment and projections of US weather and climate risks and economic damages</i> <b>Lunch break</b>
14:00 - 14:30	<b>Michel Crucifix</b> (Louvain): <i>Is the concept of tipping point useful for describing and communicating possible climate futures</i>
14:30 - 15:00	<b>David Stainforth</b> (LSE): <i>Implications of uncertainty and variability (including time correlation) for economic assessments of climate change</i> <b>Coffee break</b>
15:30 - 16:00	<b>John Harlim</b> (Penn State): <i>Semi-parametric modeling of missing dynamical systems</i>
16:45 - 18:30	<b>Silly Question Session</b>

Wednesday, July 17, 2019

9:00 - 9:45	<b>Jean-Francois Chassagneux</b> (Paris): <i>A FBSDE approach to carbon pricing</i> Coffee break
10:15 - 11:00	<b>Mirabelle Muûls</b> (Imperial): <i>Climate change and global supply chains</i>
11:00 - 11:30	<b>Gideon Kruseman</b> (CIMMYT): <i>Satellite data and supervised learning to prevent impact of drought on crop production: Meteorological drought</i>
11:30 - 12:00	<b>Kees Oosterlee</b> (CWI & Delft): <i>Numerical methods for FBSDEs</i>
12:30 - 13:00	<b>Ton van den Bremer</b> (Oxford): <i>The risk-adjusted carbon price</i> Lunch