

Workshop on Climate and the Economy

Monday, July 15, 2019

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

Tuesday, July 16, 2019

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

Wednesday, July 17, 2019

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