Economic models and tools against climate change

12 December 2019
Banque de France (BdF) and Toulouse School of Economics (TSE) workshop
Conference center of the Banque de France, Room 1, Paris

10:00-11:20  Session 1 Fundamental models of carbon use
- Capital stranding cascades: The impact of decarbonisation on productive asset utilization
  Antoine Godin (AFD) with L. Cahen-Fourot (Univ of Vienna), E. Campiglio (LSE),
  E. Dawkins (Stockholm Environment Institute), E. Kemp-Benedict (Institut für
  Makroökonomie und Konjunkturforschung)
- Greenhouse gases emissions in the oil industry: Ecological debts and missed opportunities
  Fanny Henriet (PSE), with R. Coulomb (Univ of Melbourne) & L. Reitzmann
  (Polytechnique)

11:20-11:40  Coffee break

11:40-13:00  Session 2 Financial risk
- Climate-related scenarios for financial stability assessment: An application to France
  T. Allen, J. Boissinot, CM. Caicedo-Graciano, V. Chouard, L. Clerc, S. Dees, A. de Gaye,
  M-E. de La Serve, M. Després, A. Devulder, S. Haincourt, B. Hallinger, N.
  Lisack, JS. Mésonnier, S. Peyron, M. Rabate, R. Svartzman, L. Vernet (BdF)
- Climate change and financial system stability: what role for central banks, regulators and supervisors?
  Romain Svartzman (BdF) with P. Bolton (Columbia Univ), M. Desprès (BdF), L.
  Pereira da Silva (BIS) & F. Samama (Amundi AM)

13:00-14:10  Lunch

14:10-15:30  Session 3 Financial tools
- Why is participation in the zero-interest green loan program so low? Demand-and supply-side barriers
  Louis-Gaëtan Giraudet (École des Ponts & CIRED)
- Green finance and climate policy
  Julien Xavier Daubanes with JC. Rochet (Univ de Genève)

15:30-15:40  Coffee break

15:40-17:00  Session 4 Carbon consumption and policies
- Long-term growth impact of climate change and policies: the Advanced Climate Change Long-term (ACCL) scenario-building model
  Gilbert Cette (BdF & AMSE) with C. Alestra (AMSE), V. Chouard (BdF) & R.
  Lecat (BdF)
- The cost-efficiency carbon-pricing puzzle
  Christian Gollier (TSE)