



Large-Scale Production Networks

Mathematical Interdisciplinary Research at Warwick
(MIR@W) Day
27th January 2020

Organisers: Bazil Sansom (Warwick)
Robert Mackay (Warwick)

Programme

- 12:15 *Buffet Lunch (Maths common room).*
- 13:05 *Welcome (B3.02).*
- 13:15-13:45 **Mark Johnson** (Warwick Business School)
Supply networks from a social science perspective.
- 13:45-14:15 **Guven Demirel** (Queen Mary School of Business and Management)
Identifying dynamical instabilities in supply networks using generalized modelling.
- 14:15-14:45 **Jose Moran** (École Polytechnique)
Critical equilibria in network economies.
- 14:45-15:15 **Anton Pichler** (University of Oxford)
How the structure of supply chains predicts economic growth
- 15:15-15:45 *Tea/coffee and networking break.*
- 15:45-16:15 **Ivana Ruffini** (Financial Network Analytics (FNA))
[TBA]
- 16:15-16:45 **Bazil Sansom** (University of Warwick)
Flow structure and dynamics in empirical production networks.
- 16:45-17:15 **Rita Cappariello** (Bank of Italy)
Protectionism and Global Value Chains: Quantifying the General Equilibrium Effects.
- 17:15-17:30 *Group reflection.*
- 17:30 *Drinks and nibbles + networking.*

VENUE:

B3.02 Mathematics Institute (Zeeman Building)
University of Warwick, Coventry, CV4 7AL