

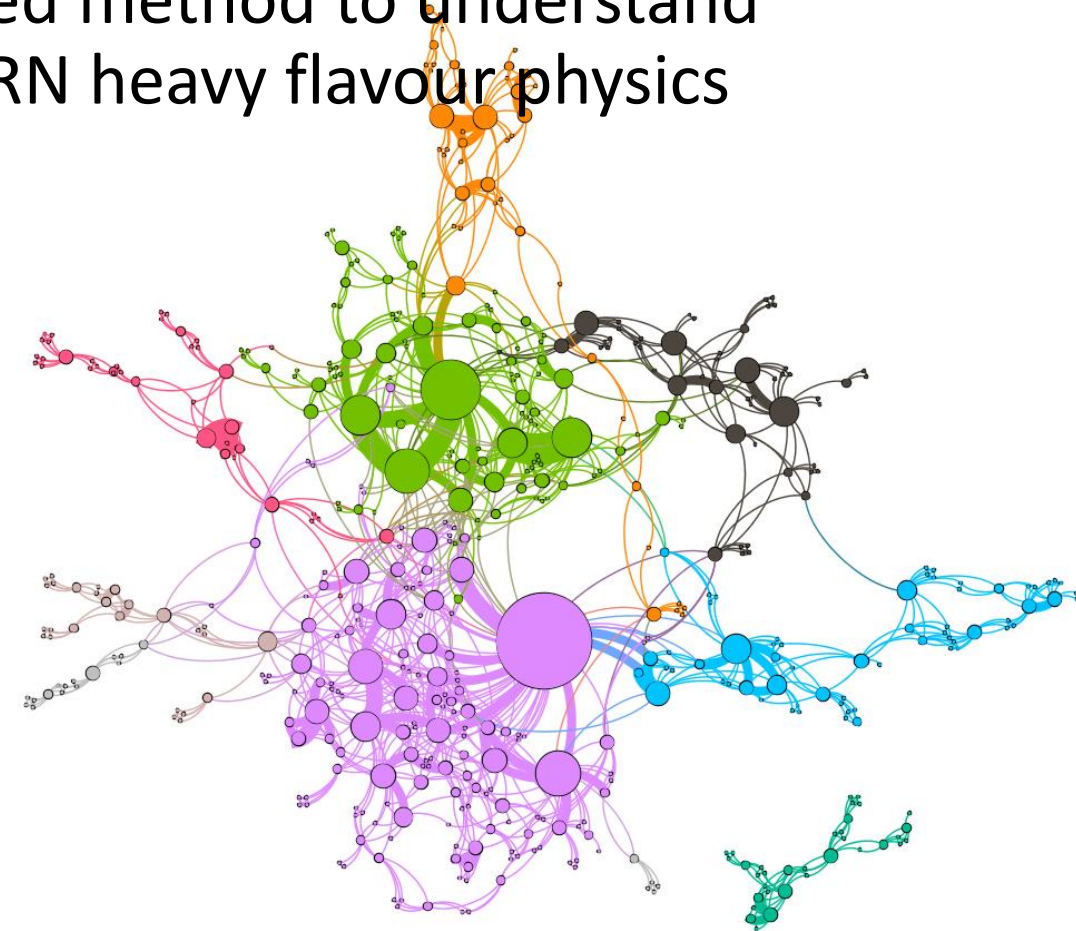
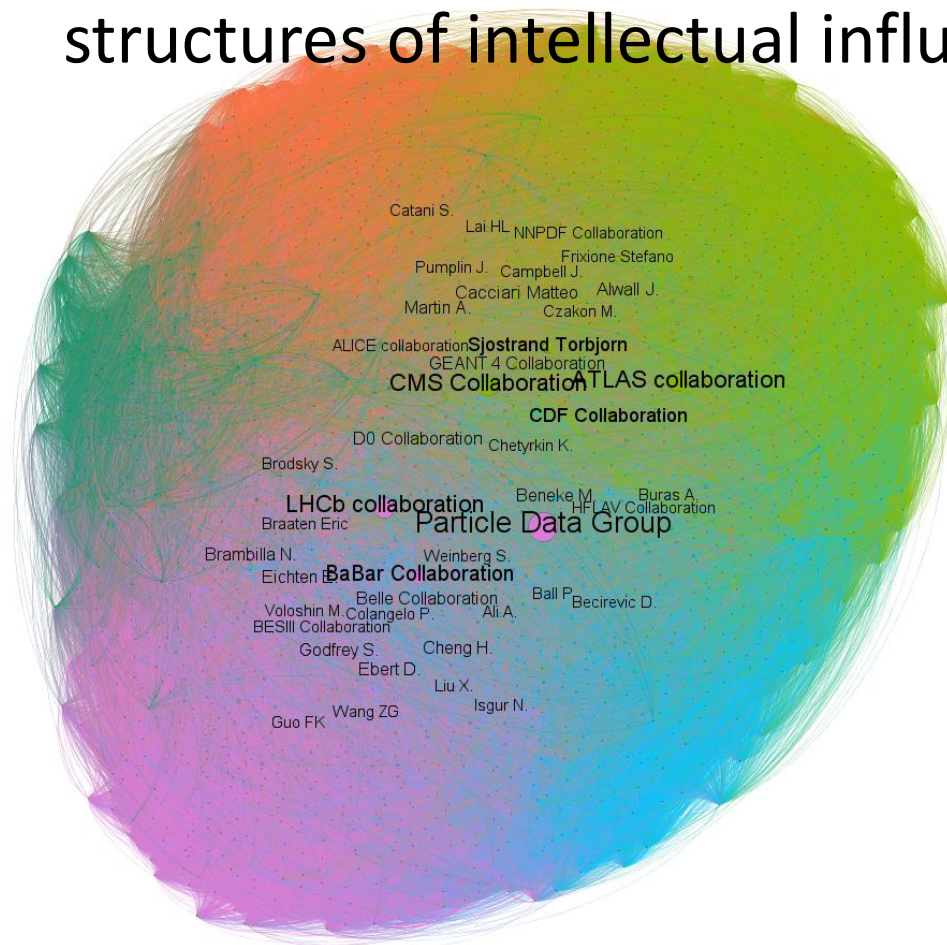
Dr Maria Karaulova

Manchester Team

- PhD 2016 on effects of **global scientific mobility** on academic careers and research practice (MIOIR, supervised by Prof Phil Shapira)
- Currently: **OSIRIS** and **R-QUEST** (50% and 50%)
- **Mixed methods**: I can analyse papers, patents, networks, interviews
- I published on:
 - Systems of research and innovation
 - Science in emerging economies (Russia, China)
 - Russian-speaking Scientific Diaspora (brain drain vs return)

R-QUEST: Negotiating notions of research quality

- We are testing an innovative survey-based method to understand structures of intellectual influence in CERN heavy flavour physics

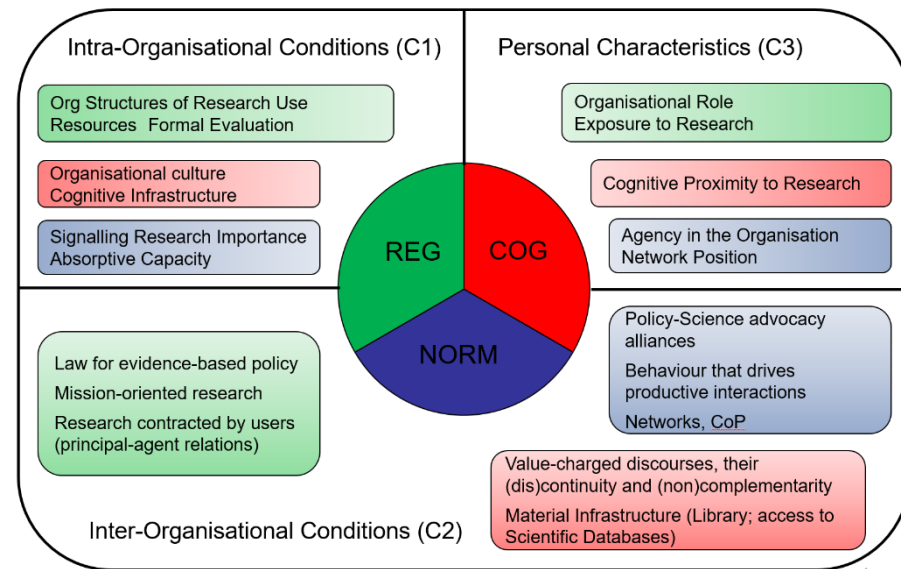


OSIRIS involvement

Conceptual Work

Case Work

UK Survey



A Greater Manchester Congestion Deal

Mayor Andy Burnham has listened to the views of the public and businesses and has developed this congestion deal with Greater Manchester's ten local highway authorities and TfGM to tackle congestion in Greater Manchester.

tfgm.com/congestion

HOUSES OF PARLIAMENT
PARLIAMENTARY OFFICE OF SCIENCE & TECHNOLOGY

POSTNOTE
Number 528 June 2016

Marine Microplastic Pollution

Overview

- Microplastics, plastic pieces under 5 mm in size, are a widespread ocean contaminant.
- Sources of microplastic include fibres from synthetic textiles, microbeads from cosmetic and industrial applications and large items of plastic debris that break down into smaller pieces.
- Studies have shown the presence of microplastics in seafood. The potential risk to human health is little studied and remains uncertain.
- Laboratory evidence suggests that microplastics and their associated additives can be harmful to wildlife. However, not all species or life stages may be affected.

Background

Plastic is an extremely versatile resource whose production is frequently possible to identify what type of plastic.

