

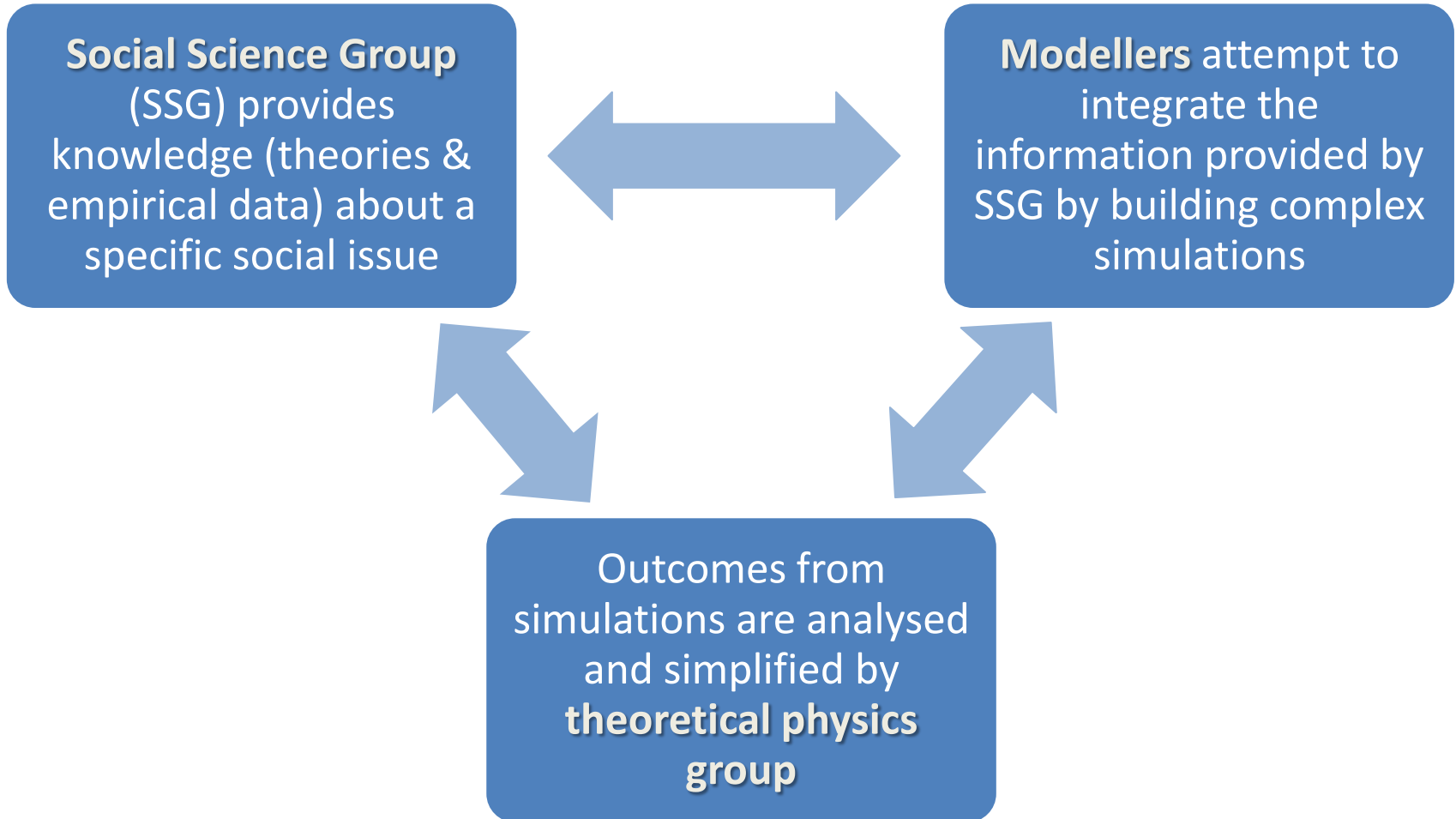
# Project overview

SCID Review of Work  
27-28 October 2011

# Funding

- Five-year programme grant from the EPSRC, part of their *Complexity Science for the Real World* initiative
  - “...to develop and apply the tools and techniques of complexity science for tackling major societal research challenges.”

# Who is SCID?



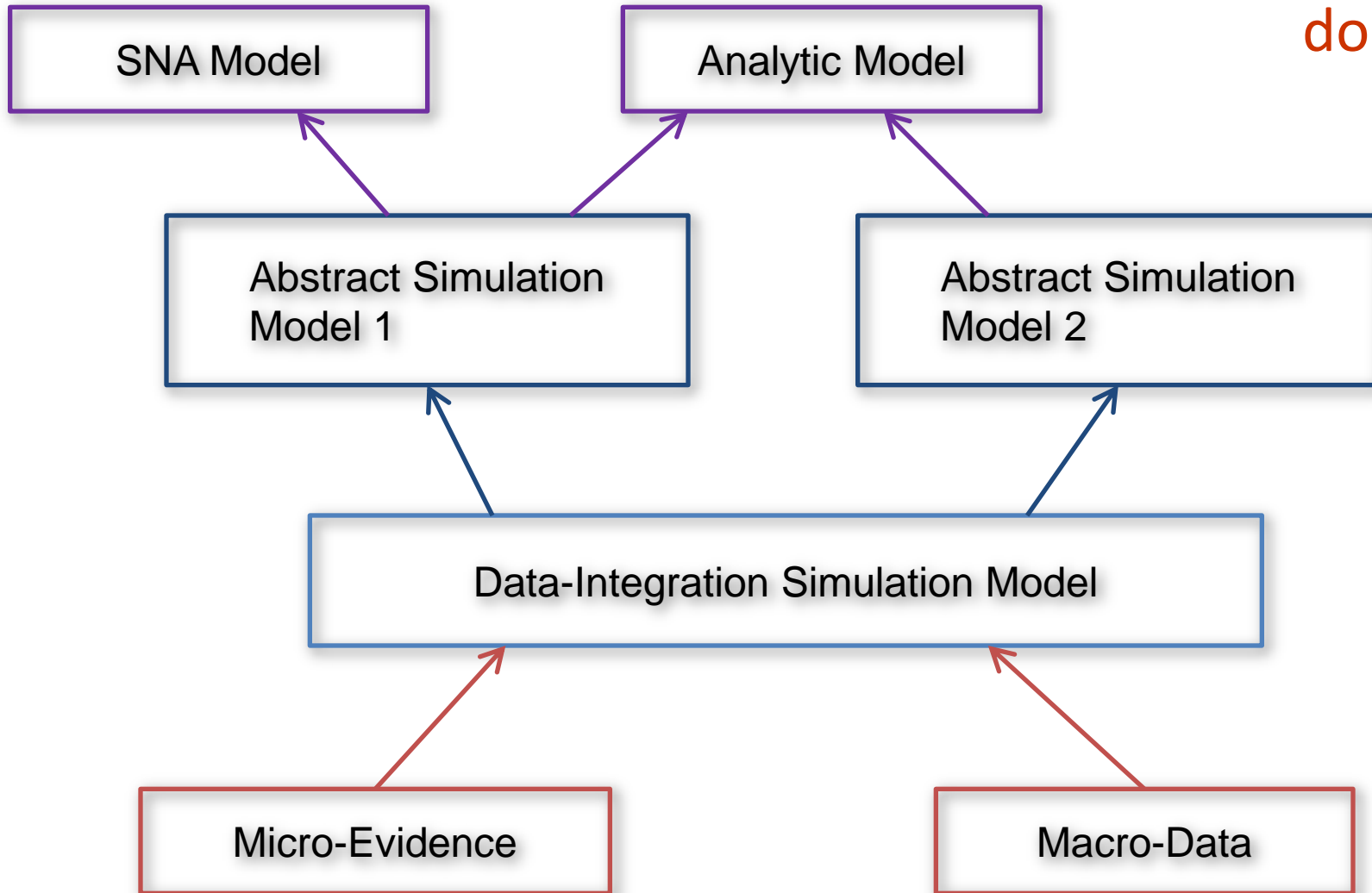
# Research team

- Complexity Science
  - The Centre for Policy Modelling (MMU)
    - Researching complexity science and social simulation since 1992
      - Bruce Edmonds
      - Ruth Meyer
  - Theoretical Physics Group (UoM)
    - Part of the School of Physics and Astronomy
      - Alan McKane
      - Tim Rogers

# Research team

- Social Science
  - The Institute for Social Change (UoM)
    - Interdisciplinary social science research centre
      - Nick Crossley (Sociology)
      - Ed Fieldhouse (PI)
      - Laurence Lessard-Phillips
      - Yaojun Li
      - Nick Shryane

What will SCID do?



# Social science themes

1. Political participation/socio-political integration
  - How do diversity and immigration influence the behaviour of
    - Individuals?
      - Either ethnic minority or majority
    - Political parties?
  - What is the role of multiple, overlapping social networks?
  - Key outcomes: Electoral turnout; Party / issue choice
2. Diversity, Homophily & Trust
  - What factors underlie and influence perceptions and feelings of ‘us’ and ‘them’?
    - How does this affect
    - The construction and operation of social networks?
    - Norms of trust and reciprocity?
  - Key outcomes: Attitudes; Trust
3. Socio-economic integration
  - How do processes resulting from immigration and diversity affect socio-economic positioning?
    - Of immigrants/ethnic minorities?
    - Of the majority?
  - What is the role of multiple, overlapping social networks?
  - Key outcomes: Employment; Occupational attainment & social mobility; Education

# Overview of SCIDROW

## Day 1

**Thursday 27th October**

**13:00 Start time**

**13:00–14:00** Opening Lunch

**14:00–14:15** Opening welcome

**14:15–15:00** Agent-Based Modeling Approach

**15:00–15:45** Discussion on Approach

**15:45–16:00** Afternoon Tea

**16:00–16:45** Voting Model

**16:45–17:30** Discussion on Voting Model

**17:30** Close of Day One & Drinks refreshments

**19:00** Dinner [workshop dinner] East z East, Princess Street

## Day 2

**Friday 28th October**

**9:00 Start time**

**9:00–9:30** Breakfast Tea

**9:30–10.30** Schelling model & discussion

**10:30–11:00** Specifying the Employment Model

**11:00–11:15** Tea refreshments

**11:15–12:00** Discussion on Employment Model

**12:00–12:30** Specifying the Trust Model

**12:30–13:15** Discussion on Trust Model

**13:15–15:00** Lunch & Close of workshop