

## **TRACK 12: Open Track**

The Open Track covers a broad spectrum of research questions, but with a specific emphasis on future challenges for STI policy research. The following topics are encouraged:

The future of science – society relations

- Responsible research & innovation – new concepts, experiences and policies
- New forms of participation in the governance of science and technology
- Citizens, scientists, industry and policy-makers: the role of different stakeholders in STI policy making
- Gender-specific policies as drivers of Science, Technology and Innovation

The challenges of globalized knowledge production

- Knowledge production between global networks and local skills
- The future of collaborative R&I: New arrangements between private and public institutions
- New forms of entrepreneurship and pathways for firm growth
- Globalized knowledge production and economic development

Digital science and innovation

- New institutional frames for digital science
- The future of science 2.0 and policies towards digital research
- ICT-enabled innovation in manufacturing and services

New concepts for STI policy

- New innovation system concepts
- Agency and entrepreneurship in STI policy making
- Transformative STI policy
- Transformative innovation in mature industries
- Smart STI-policies for manufacturing SMEs

The governance of STI policy – new players, new processes, new instruments

- STI policies and new patterns of innovation: Social Innovation, Open Innovation, User Innovation, Frugal Innovation
- New mission-oriented STI policies: Triggering foundational breakthrough research at the service of society
- Policy coordination and next-generation policy instruments
- New forms of STI policy advice

## New indicators and approaches for assessing the impact of STI policy

- Measuring the dynamics of STI systems
- Beyond established STI policy evaluation and impact assessment methods
- Modelling STI system dynamics