

Innovation Research – From Origin to Current Frontier Part I, 7-8 June 2021

Teaching schedule and reading list

Monday, 7 June

9:30 – 10:00: Introduction, objectives and overview of the course

10:00-11:00: The evolution of science policy and innovation studies (Ben Martin)

BR Martin (2012). The evolution of science policy and innovation studies, *Research Policy* 41 (7), 1219-1239.

Fagerberg, H Landström, BR Martin (2012). Exploring the emerging knowledge base of ‘the knowledge society’, *Research Policy* 41 (7), 1121-1131.

11:00-12:00: Mainstream and evolutionary perspectives to study innovation and economic growth (Fulvio Castellacci)

Castellacci, F. (2007). Evolutionary and new growth theories: Are they converging? *Journal of Economic Surveys* 21: 585-627.

Edquist, C. (2004). “Systems of Innovation: Perspectives and Challenges” in Fagerberg, J., Mowery, D., and Nelson, R (eds.) *Oxford Handbook of Innovation*, Oxford: Oxford University Press, p. 181-208.

Fagerberg, Jan (2003). 'Schumpeter and the revival of evolutionary economics: an appraisal of the literature', *Journal of Evolutionary Economics*, 13 (2), pp 125-59.

13:00-14:00 Systemic approaches to innovation – regional development & green transition (Lars Coenen)

Asheim, B. and Gertler M. (2005). The geography of innovation: regional innovation systems, in Fagerberg J., Mowery D. C. and Nelson R. R. (Eds) *The Oxford Handbook of Innovation*, pp. 291–317. Oxford University Press, Oxford.

Truffer, B. and Coenen, L. (2012). Environmental innovation and sustainability transitions in regional studies. *Regional Studies*, 46(1), pp.1-21.

14:00-15:00: Break-out session

Tuesday, 8 June

10:00-11:00: R&D and innovation policy: rationales and foundations (Fulvio Castellacci)

Castellacci, F. (2008). Innovation and the competitiveness of industries: Comparing the mainstream and evolutionary approaches. *Technological Forecasting and Social Change*.

Edler, J. & Fagerberg, J. (2017). Innovation policy: what, why, and how, *Oxford Review of Economic Policy*, Volume 33, Number 1, pp. 2-23.

Fagerberg, J. (2017). Innovation policy: Rationales, lessons and challenges. *Journal of Economic Surveys*.

Martin, B. (2016). R&D policy instrument: A review of what we do and don't know. *Industry and Innovation*.

11:00-12:00: Mission-oriented and transformative innovation policy (Lars Coenen)

Mazzucato, M. (2018). Mission-oriented innovation policies: challenges and opportunities. *Industrial and Corporate Change*, 27(5), pp.803-815.

Schot, J. and Steinmueller, W.E., (2018). Three frames for innovation policy: R&D, systems of innovation and transformative change. *Research Policy*, 47(9), pp.1554-1567.

13:00-14:00: Fifteen Challenges for Innovation Studies (Ben Martin)

Fagerberg, J., Martin, B. R. and Andersen, E. S. (eds.) (2013). *Innovation Studies – Evolution and Future Challenges*, Oxford University Press, Oxford.

B.R. Martin, (2016). 'Twenty Challenges for Innovation Studies', *Science and Public Policy*, 43, pp. 432–450.

Wednesday 9 June to Friday 11 June

The EU-SPRI Conference "*Science and Innovation – an uneasy relationship? Rethinking the roles and relations of STI policies*" will take place digitally on 9-11 June.

We encourage all participants to this PhD course to attend the conference. NORSI will refund the registration fee.

Conference page: <https://www.euspri2021.no/>

Registration page: <https://hopin.com/events/eu-spri-2021-conference>

Further information and a task assignment will be provided during the course.