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Intellectual property rights, technological collaborations and knowledge spillovers

*Abstract*
The lecture addresses how knowledge spillovers affect productivity growth in advanced and emerging countries.  In particular it focuses upon the recent literature that studies technological collaborations as a vehicle of knowledge spillover when knowledge transmission requires interpersonal links and face to face interaction. Moreover, the scale and scope of international technological collaborations are affected by the legislation on intellectual property rights (IPRs) which has changed rapidly in recent years.  So the lecture discusses whether IPR reinforcement facilitates technological collaborations and, consequently, knowledge transfer and dissemination across regions and countries.

*Readings.*
- Kerr SP and Kerr WR (2016). Global Collaborative Patents. NBER Working Paper No. 21735
- Montobbio, Fabio, and Valerie Sterzi, The Globalization of Technology in Emerging Markets: A Gravity Model on the Determinants of International Patent Collaborations, World Development 44 (2013), 281-299.
- Cappelli, Riccardo & Fabio Montobbio (2016) European Integration and Knowledge Flows across European Regions, Regional Studies, 50:4, 709-727
- Keller, W. (2004). International technology diffusion. Journal of Economic Literature, 42(3), 752–782.