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The gender productivity gap in science

Abstract: The lecture addresses the issue of the productivity of scientists. After a brief introduction on the literature findings, it focuses on the empirically observed productivity gap between female and male scientists. The lecture relies on two papers. The first paper investigates the gender impact on productivity of early stage career scientists in an elite US university. Precisely, it investigates the impact of the PhD students’ gender, the gender their advisors, and the prevalent gender in the research team on the student’s publication productivity. The second paper investigates the gender productivity gap for established scientists (Maître de conférences and Professeurs) in the French context comparing two institutions: universities and CNRS. It finds that lower opportunity of career and higher probabilities of observing temporary stops in productivity for female scientists contribute to explain the gender productivity gap.

Syllabus

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