

**Topics in Economic Growth  
2021  
(10 hours)  
Michele Battisti**

**Topics**

1. Technology and Growth (2 hours)
  - a. From growth to development accounting
  - b. Actual perspectives of development accounting
2. Tecnology and inequality (2 hours)
  - a. Skill biased technical change
  - b. Routine bias technical change
3. Technology and workers' type complementarity (2 hours)
4. New wave of works on automation and robotization (2 hours)
5. Stata lab session (2 hours)

**Suggested preliminary readings**

Autor D.H. (2015), Why are there still so many jobs? The history and the future of workplace automation, *Journal of education and work*, pp 163-191.

Autor D.H., Levy F. and Murnane R.J. (2003), The skill content of recent technological change: An empirical investigation, *Quarterly journal of economics*, Vol. 118, November, pp. 1279–1333.

Caselli, F. (2005), Accounting for Cross-Country Income Differences, in S.N. Durlauf and P. Aghion (Eds.) *Handbook of Economic Growth*, Elsevier.

Hall, R.E. & Jones, C.I. (1999), “Why Do Some Countries Produce So Much More Output Per Worker Than Others? *Quarterly Journal of Economics*, 114(1), 83-116.

Katz, L.F. & Murphy, K.M. (1992) Changes in Relative Wages, 1963-1987: Supply and Demand Factors, *Quarterly Journal of Economics*, 107(1), 35-78.

Krusell, P. & Ohanian, L.E. & Ros-Rull J.-V. & Violante, G.L. (2000) Capital-Skill Complementarity and Inequality: A Macroeconomic Analysis, *Econometrica*, 68(5), 1029-1053.

A complete list of references will be available during the course