

**International Ph.D. Winter School on
"Inequality and Collective Welfare Theory: Risk Inequality and Social Welfare"
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Lectures title:

**Inequality, Welfare and Poverty Measurement: Basic Concepts.
Stochastic Orders in Risk, Inequality and Welfare Comparisons.**

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General readings on the topic of inequality, welfare and poverty measurement:

- Cowell, F. (2000): Measurement of Inequality in B. Atkinson and F. Bourguignon (eds.), *Handbook of Income Distribution*, North Holland, Amsterdam. available at:
<http://sticerd.lse.ac.uk/dps/darp/darp36.pdf>
- Sen, A. K. (1973): *On Economic Inequality*. Oxford: Clarendon Press. (1997) expanded edition with the annexe "On Economic Inequality After a Quarter Century" by Foster, J. And Sen, A.K..
- Silber, J. (1999): *Handbook of Income Inequality Measurement*. J. Silber ed. Kluwer Academic: Boston.

General reading on stochastic orders:

- Müller, Alfred; Stoyan, Dietrich (2002). *Comparison Methods for Stochastic Models and Risks*. Wiley, Chichester.
- Shaked, M. and Shanthikumar, J. G. (1994): *Stochastic Orders and Their Applications*. Academic Press: Boston.

Some detailed surveys are:

- Chakravarty, S and Muliere, P. (2003): Welfare indicators: a review and new perspectives. 1. Measurement of inequality. *Metron, International Journal of Statistics*, 61, 457-497.
- Chakravarty, S and Muliere, P. (2004): Welfare indicators: a review and new perspectives. 2. Measurement of poverty. *Metron, International Journal of Statistics*, 62, 247-281.
- Mosler, K. and Muliere, P. (1998): Welfare means and equalizing transfers. *Metron, International Journal of Statistics*, 56, 11-52.
- Zheng, B. (2000): Poverty orderings. *Journal of Economic Surveys*, 14, 427-466.