

*Title:* Knowledge transfer: vision, enhancement and impact

*Professors involved:* Laura Leante, Durham University; Fiorenzo Omenetto, Tufts University; Monia Anzivino, Università di Trento; Fulvia Caruso, Flavio Ceravolo, Michele Rostan, Lucia Marazzi, Massimo Vaira (Università di Pavia).

*Course learning outcomes/abstract:* The objective of the doctoral program *Knowledge transfer: vision, enhancement and impact* is to provide students with a comprehensive understanding of the geography of knowledge transfer practices. This will be achieved through an in-depth study of key topics, including:

- a) the communication of science
- b) public engagement and community engagement
- c) the deontological and ethical responsibility of the scientific community and accountability towards target publics

*Objectives:* The objective of the School is to give in-depth knowledge about all the aspects involved in knowledge transfer and its impact in order to provide doctoral students from all research areas with the tools to design and implement projects that consider societal impact, a skill that is vital for their professional development.

*Number of hours and planning:* 21 hours articulated in 6 modules of 3 hours each, and one Laboratory of 3 hours. The first lecture aim is to give a general frame of the various university impacts according to their identity; the second will concentrate on Epistemology of knowledge and models of responsible communication; the third lecture will be on Technology transfer and the valorisation of research; the fourth on Science and Democracy. Two lectures will be devoted respectively to UK and USA impact development. The objective of the practical exercise is to apply the theoretical knowledge acquired during the lectures to a real-world context. This will entail analysing case studies drawn from actual scenarios and formulating hypothetical case studies.

*Period:* 3-6 giugno 2025 (inizio il pomeriggio del 3)

*Delivery mode:* students in presence. Professors in presence and online

*Location:* to be confirmed

*Language:* English

*Evaluation criteria:* drafting of a short paper to design a strategy for the promotion or valorisation of one's research work within the framework of the PhD programme

*Credits:* 6

*University of Pavia's PhD Programs involved:* all

*External Phd Programs involved:* Durham University PhD program

***Financial support:*** With the aim of incentivising the presence of doctoral students in presence, a reimbursement of 700 euros is envisaged for a maximum of 5 foreign students and up to 500 euros for Italian students living more than 50 km from Pavia, up to a maximum of 5.100 euros. Priority will be given on the basis of distance.

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