



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

DIPARTIMENTO DI PSICOLOGIA GENERALE  
DIPARTIMENTO DI PSICOLOGIA DELLO SVILUPPO E DELLA  
SOCIALIZZAZIONE  
DIPARTIMENTO DI FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA  
APPLICATA

# Open Science: for a Better Science

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*Tuesday 21/02/2017*

*Aula "Cesare Musatti", Scuola di Psicologia via Venezia 8, Padova Italy*

*Open science is an ethical and methodological movement to approach science. The scope of Open science is to make accessible and clear all aspects of the scientific endeavor in order to increase transparency of research conducts as well as reproducibility and replicability of scientific findings. For instance, all relevant sections of a study (hypotheses, method, analyses, etc.) should be defined and communicated (e.g., pre-registration) before starting the study; software, materials, procedures, raw data, analyses, and results, should be freely and permanently available to whoever is interested to verify, reanalyze, and replicate the study. To this aim, all researchers should be encouraged and be able to openly store their scientific products in free databases and to communicate their findings through open-access publications. It is for the abovementioned reasons that Open science is of paramount importance in our days: to tackle the deep crisis of reproducibility and replicability that we are now observing in Psychology, Cognitive neurosciences, Medicine and many other scientific disciplines.*

*With this workshop, we aim to identify, present, and critically discuss some of the crucial aspects of doing, sharing and communicating research, according to the principles of the Open science movement, as a means to avoid the relevant problems affecting contemporary science.*

## **Program\***

- 9:15-9:45: ***What is Open Science and why we are talking about it here today***

Massimo Grassi (Department of General Psychology, University of Padova)

- 9:45-10:30: ***The natural selection of bad science***

Massimiliano Pastore (Dipartimento di Psicologia dello Sviluppo e della Socializzazione, University of Padova)

- 10:30-11:15: ***Powers and perils of the ManyLabs approach to replications***

Michelangelo Vianello (Dipartimento di Filosofia, Sociologia, Pedagogia e Psicologia Applicata, University of Padova)

- 11:15-12:00: ***Publishing Open Access: who pays?***

Antonella De Robbio (Centro di Ateneo per le Biblioteche, University of Padova)

- 12:00-12:45: ***Open-everything policy: some hands-on experience***

Davide Crepaldi (Scuola Internazionale Superiore di Studi Avanzati, Trieste)

- 12:45-13:30: ***The Registered Reports project: A vaccine against research bias?***

Chris Chambers (School of Psychology, Cardiff University, UK)

- 13:30-14:00: ***General discussion***

\* Note: talks will be in Italian with slides in English except for Christopher Chambers

## **Organizers:**

Massimo Grassi

Konstantinos Priftis

Patrizio Tressoldi

Supporting institutions:

Dipartimento di Psicologia Generale - Dipartimento di Psicologia dello Sviluppo e della Socializzazione - Dipartimento di Filosofia, Sociologia, Pedagogia e Psicologia Applicata - Centro di Neuroscienze Cognitive - Human Inspired Technologies Research Center - Corso di dottorato in Brain, Mind & Computer Science - Corso di dottorato in Scienze Psicologiche