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DI PADOVA

Open Science for a Better Science

Monday, March 5, 2018

Aula Magna, School of Psychology, via Venezia 8, Padua

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

- 14:30 - **Introduction**

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

-14:45 – 15:30 - **Separating the signal from the noise: some lessons from the replicability crisis in Psychology**

Marco Perugini (Department of Psychology, University of Milan – Bicocca)

-15:30 onward - **Discussion**

Moderator: **Konstantinos Priftis** (Department of General Psychology, University of Padua)

Organizers:

Gianmarco Altoè

Massimo Grassi

Konstantinos Priftis

Patrizio Tressoldi

Supporting Institutions:

Department of General Psychology - Department of Developmental Psychology and Socialisation - Human Inspired Technologies Research Center – Ph.D. course in Brain, Mind & Computer Science - Ph.D. course in Psychological Sciences