



THE WAY WE WERE, THE WAY WE WILL BE. OPEN SCIENCE: A CHANGE IN THE SCIENTIFIC PARADIGM

A TALK BY

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10

GENNAIO

9:30

**Aula Magna
Clinica
Neurologica**

**SEMINARIO
IN PRESENZA**

If we imagine a scientist sleeping for 15 years and waking up today we can just guess his/her surprise: open access journals, papers that are published along with accessible repositories where authors make available the data, the codes that they used to analyze the data and all the relevant digital materials. Even peer reviews are available to the reader, not to mention pre-registration documents that reveal step by step the origin of scientific path followed by the author! All of this is happening because of a double reason. First, we realised that science - often obscured behind paywalls - needed to be accessible by everyone. The second reason for this increase in transparency is perhaps less noble: we realized that the science we were making needed some adjustments as many of the results reported in the literature were likely false positive. Altogether, this abrupt increment in research transparency and accessibility has been referred to as "open science". In my talk I will review the major ideas that are emerging nowadays in science to increase accessibility, trustiness and transparency.



Massimo Grassi received MD in Experimental Psychology (1997) and PhD in Experimental Psychology (2003) at the University of Padova. He has been visiting scientist and Marie Curie fellow at the University of Sussex. Currently he is Associate Professor of General Psychology at the Department of General Psychology of the University of Padova. His research covers auditory and audiovisual perception, and psychophysical methods. He is head of the Experimental Psychology division of the Italian Association of Psychology and member of the steering committee of the Italian Reproducibility Network (ITRN). In the last five years he promoted several national and international events and initiatives dedicated to the dissemination of Open Science and Open Science practices.



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