



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

PhD Course in  
Psychological  
Sciences



**18 - 20 May, 2026**

*School of Psychology, University of Padova*

# **3 R's of Trustworthy Science:** **R**eproducibility, **R**eplicability and **R**obustness

*Methodological School*

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*Northeastern University*

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*Harvard University*

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*University of Padova*

<b>Monday, May 18th</b>	9:00 - 17:00	<i>Room TBD</i>
<b>Tuesday, May 19th</b>	9:00 - 17:00	<i>Room TBD</i>
<b>Wednesday, May 20th</b>	9:00 - 17:00	<i>Room TBD</i>

**For information and applications**

**The deadline for the application is April 20th 2026.**

 <https://psicostat.github.io/3R-2026/>

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# 3 R's of Trustworthy Science

## Who

The school is primarily intended for PhD students, who may receive 3 ECTS credits upon request. However, applications are also open to master's students and postdoctoral researchers. Information about applications can be found on the website.

**The deadline for the application is April 20th.**

## Where

The school will take place at the **School of Psychology, University of Padova**. 📍 **Via Venezia, 12, 35131 Padova PD**

## Topics

When evaluating the reliability of scientific findings and predictions, a major concern is about their replicability, that is their consistency across different studies aimed at answering the same question. A “replicability crisis” has been claimed in the last decades, denouncing that a large part of published research findings, especially in applied sciences, such as psychology or medicine failed to be confirmed by subsequent studies. Difficulties in moving from empirical evidence and data analysis to a scientific result push towards the need to clarify various aspects, such as rigorous definitions, the possible tools for understanding and communicating the uncertainty inherent in most scientific conclusions, the definition of non-questionable research practices. The main objective of the course is to provide a broad and interdisciplinary view, as well as the tools that may enable individual participants to focus on specific aspects of replicability that are relevant to their own discipline of interest. The epistemological, philosophical and scientific/statistical bases of replicability and of its so-called crisis will be addressed in lectures by the teachers. Guided group activities will then be proposed to the students, to discuss basic questions and apply the ideas emerged during the course to some real data analysis.



# 3 R's of Trustworthy Science

## Organizing committee

**Emanuele Aliverti** (Department of Statistical Sciences)

**Gianmarco Altoè** (Department of Developmental Psychology and Socialization)

**Margherita Calderan** (Department of General Psychology)

**Filippo Gambarota** (Department of Developmental Psychology and Socialization)

**Lucia Regolin** (Department of General Psychology)

**Bruno Scarpa** (Department of Statistical Sciences)

**Enrico Toffalini** (Department of General Psychology)

