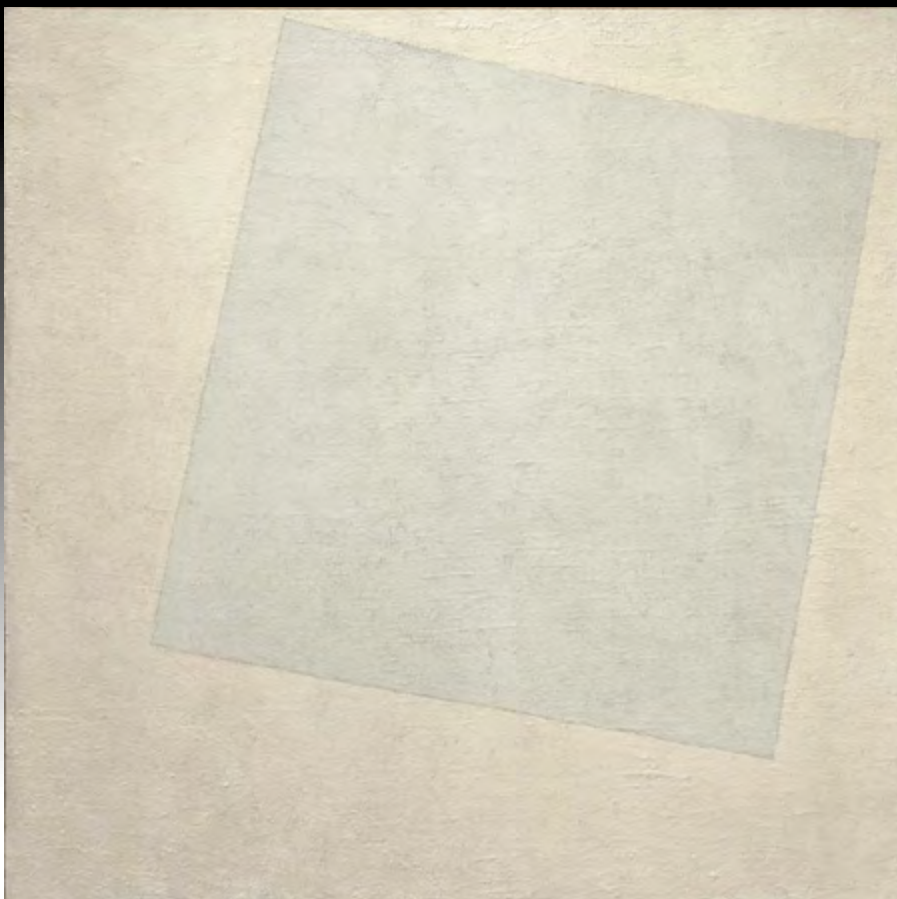




Credits: Kazimir Severinovič Malevič, *White on white* (1918), CC via wikicommons

16 -17 SEPTEMBER
2022

Sala Azzurra
Palazzo della Carovana
Scuola Normale Superiore
Piazza dei Cavalieri, 7
Pisa

Organisation
Mario Piazza
Scuola Normale Superiore
Giorgio Venturi
University of Campinas
University of Konstanz

INFO
eventiculturali@sns.it

ELABORAZIONE A CURA DELL'UFFICIO COMUNICAZIONE | SNS

LOGIC AND PHILOSOPHY OF MATHEMATICS

SNS Workshop



SCUOLA
NORMALE
SUPERIORE

FRIDAY 16th SEPTEMBER

- 09.30 **CARLO NICOLAI**
*Cuts, Loops, and the Identity of Theories:
Three Problems in Mathematical Philosophy*
- 10.30 **RICCARDO BRUNI**
Living with the logical paradoxes: how far and how great?
- 11.30 **Coffee Break**
- 12.00 **PEDRO DEL VALLE-INCLAN**
Harmony and Normalisation in Bilateral Logic
- 13.00 **Lunch**
- 15.00 **LORENZO ROSSI**
Truth and (higher-order) quantification.
- 16.00 **MATTEO TESI**
Multiplicative quantifiers, paradoxes and cut-elimination
- 17.00 **Coffee Break**
- 17.30 **GIORGIO VENTURI**
Language, actions, and mathematical creativity
- 20.00 **Social dinner**

SATURDAY 17th SEPTEMBER

- 09.30 **GABRIELE PULCINI**
The problem of abduction between logic and philosophy of science
- 10.30 **ANDREA SABATINI**
Towards a proof theory of abduction
- 11.30 **Coffee Break**
- 12.00 **MICHELE CONTENTE**
On the philosophical meaning of the Univalence Axiom
- 13.00 **Lunch**
- 15.00 **SILVIA DE TOFFOLI**
Defending Moderate Derivationism
- 16.00 **MATTEO PLEBANI**
Parts of structures
- 17.00 **Coffee Break**
- 17.30 **LUCA SAN MAURO**
Learning mathematical structures