



Workshop Logical Foundations of Euclid's Geometry

organized with ANR AxDef project

Friday, 9th
December 2024
9.30-17.00

IHPST Paris - Salle de conférence



SPHERE
Sciences • Philosophie • Histoire




PANTHÉON SORBONNE
UNIVERSITÉ PARIS 1

IHPST

Programme

9:30-10:45

Victor Pambuccian (Arizona State University)

Why Euclid did not need the Pasch axiom

11:15-12:30

Julien Narboux (Université Paris Cité)

Lessons learned from the formalization of the geometries of Euclid, Tarski and Hilbert

Lunch

14:00-15:15

Walter Dean (University of Warwick)

On geometric consistency from the finitary standpoint

15:45-17:00

Alberto Naibo (IHPST) with **Marco Panza** (IHPST, Chapman University) and **José Gil-Ferez** (Chapman University)

Reconstructing Euclid's Book I of the Elements formally: some examples

Join the workshop by Zoom via the link below:

<https://u-paris.zoom.us/j/88904850406?pwd=tWCtlvIHbxa3AIMP49zclJmR0xVUUh.1>