



Du
01
AVR.
2023

11h30
-
12h30

SÉMINAIRE BOURBAKI

Matteo Viale — Strong forcing axioms and the continuum problem , following Aspé'ro' and Schindler's proof that MM^{++} implies Woodin's Axiom (*)

IHP
Hermite

INSCRIPTION

A topological approach to forcing axioms considers them as strong forms of the Baire category theorem; an algebraic approach describes certain properties of "algebraic closure" for the universe of sets that can be derived from them. Our goal is to show how the theorem of Aspé'ro and Schindler links the geometric and algebraic points of view. Drawing on Gödel's program, we connect these mathematical results to the philosophical debate on what could constitute a viable solution of the continuum problem.

URL of the page: <https://www.ihp.fr/fr/agenda/matteo-viale-strong-forcing-axioms-and-continuum-problem-following-aspero-and-schindlers>



INSTITUT HENRI POINCARÉ - UAR839

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.