

SOLVAY COLLOQUIUM



Prof. Michael Douglas
Harvard University, USA

AI in math and theoretical physics: status and prospects

AI progress is accelerating, and now the leaders expect “artificial general intelligence” (AGI) in 2 to 3 years. While difficult to believe, we must prepare for the possibility. We can take some lessons from previous episodes in which computers surpassed humans, for example in chess.

We survey current trends in AI for math and discuss conceptual studies of mathematical copilots and systems for autonomous mathematical discovery. These seem likely to me to become truly useful in the next few years.

Monday 16 June 2025 at 4:00 P.M.

COFFEE AND TEA WILL BE SERVED AT 3:45 P.M IN FRONT OF THE SOLVAY ROOM

UNIVERSITÉ LIBRE DE BRUXELLES
CAMPUS PLAINE
BOULEVARD DE LA PLAINE
ACCESS 2 - 1050 BRUSSELS
Quartier Jaune - Building N.O.
5th Floor - Solvay Room