ID de Contribution: **23**   Type: **Non spécifié**

Elelments of oo-category theory, Emily Riehl

vendredi 23 juin 2023 15:00 (2 heures)

Two lectures on infinity category theory

Speaker: Emily Riehl, Johns Hopkins University

Time: June 21, and June 23, 15:00-17:00
Place: IHP

Abstract: I will explain some core basics of infinity category theory: equivalences, adjunctions, limits and colimits, with the goal of introducing stable infinity categories.

The only essential prerequisite is the notion of a strict 2-category. For participants willing to look at something in advance, section B.1 of my "Elements in Infinite Category Theory" book, is adviced (in fact B.1.1 - B.1.7 is enough), with the notion of pasting diagram in B.1.4-B.1.5 being the most important.