



SÉMINAIRE

LINKING MECHANISMS WITH FEW MESSAGES

18 novembre 2025
Lemma - Salle Maurice Desplas
4 rue Blaise Desgoffe 75006 PARIS

Le prochain séminaire du [LEMMA](#) accueillera [Maël Le Treust](#) (CNRS) le mardi 18 novembre à 11h. Il présentera un travail intitulé *Linking Mechanisms with Few Messages*, en collaboration avec Tristan Tomala.

Abstract: We investigate the mechanism design problem formulated by Jackson and Sonnenschein in 2007, where we consider that agents do not have enough messages to reveal their type. This problem is deeply related to the mismatched distortion-rate problem formulated by Lapidoth in 1997, in the Information Theory literature. The characterization of the set of single-letter incentive compatible distributions is an open problem. We provide inner and an outer bounds and we show these bounds match in several special cases.

Pour discuter avec Maël avant ou après le séminaire, il convient de s'inscrire : [s'inscrire](#).