



LEMMA

Laboratoire d'économie
mathématique et de
microéconomie appliquée

SÉMINAIRE

VOCABULARY AGGREGATION, EN COLLABORATION AVEC ALPEREN YASAR

20 mai 2025

**Lemma - Salle Maurice Desplas 4 rue
Blaise Desgoffe 75006 PARIS**

Le [LEMMA](#) organise un séminaire, sur le thème « *Vocabulary Aggregation, en collaboration avec Alperen Yasar* » le mardi 20 mai à 11h.

[Marco LICALZI](#) (Ca' Foscari University of Venice)

Résumé :

A vocabulary is a list of words designating subsets of points from a grand set X . We model a vocabulary as a partition of X and study the aggregation of individual vocabularies into a collective one. We characterize aggregation rules when X is linearly ordered and each partition is formed by order intervals. Notably, we allow for individual vocabularies to differ both in the number and in the extension of their words. Under a suitable restriction on agents' preferences, we show that our aggregation rules are strategy-proof.