ID de Contribution: **20**   Type: **Non spécifié**

Charlotte Perrin (Université d'Aix-Marseille) - Around an extended Aw-Rascle system

mardi 20 septembre 2022 11:45 (45 minutes)

In this talk, I will present and analyse a one-dimensionnal fluid system similar to the famous Aw-Rascle-Zhang system where the offset function is the gradient of a singular function of the density.
These equations can be used for traffic or suspension flows where a maximal packing constraint is taken into account. This is a joint work with N. Chaudhuri, L. Navoret and E. Zatorska.