

WEAK KAM APPROACH TO MEAN FIELD GAMES

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Time: Thu, Apr 15th, 16:00-17:00

Venue: Room 110-112, Shanghai Center for Mathematical Sciences

Abstract: First, I will give a short introduction of weak KAM theory and mean field games theory. Then I will show how to use weak KAM methods to get the existence of solutions of a class of first-order mean field games systems consisting of a contact Hamilton-Jacobi equation and a continuity equation.