

CDMS Research Seminar

Coordination Of Autonomous Vehicles

Wednesday, 19th October 2022, 5:00 pm

<https://uws.zoom.us/j/84178590367?pwd=WjcxYVR5L2t2ejZXODljdzJiS3AwUT09>

Speaker: Prof Giacomo Cabri, Universita' di Modena e Reggio Emilia, Italy

Abstract: Autonomous vehicles are going to drive more and more in our streets. Besides the research work on the single vehicles, their coordination requires appropriate models and techniques to be effective. In this seminar I will present the perspectives and the challenges related to the coordination of autonomous vehicles, and I will propose some approaches to tackle them. I will focus on the coordination at intersections, showing some experiments and results about the application of coordination techniques.

Bio: Giacomo Cabri is full professor in Computer Engineering at the Università degli studi di Modena e Reggio Emilia, Italy. He is IEEE senior member and ACM senior member. He is Rector Delegate for teaching at the Università degli studi di Modena e Reggio Emilia. His research activities are mainly related to the following areas: Agents coordination, Autonomic computing, Distributed applications, Smart factories. In these areas, he has published around 180 papers in international and national journals, and in international and national proceedings, and he has received 7 best paper awards.

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