第192回
総研セミナー開催案内

下記のとおり第192 回総研セミナーを開催いたします。
今回は、インテリジェントロボティクスセンターのFuguo Xu(徐 福国)研究講師による特別講演となります。
本セミナーには、本学の教職員、学生、その他どなたでも自由に参加できます。是非多くの方にご参集頂けますようご案内申し上げます。

記

日　　時： 2022年1月7日(金)　13:00～14:10

会　　場： 東京都市大学（オンライン開催）

参加方法 ： セミナー専用のURLにアクセス

Zoom URL: https://us02web.zoom.us/j/84364334665

ミーティングID: 843 6433 4665　　パスコード: なし

講 演 者 ： Fuguo Xu （総合研究所 インテリジェントロボティクスセンター研究講師）

講演タイトル：『 Leveraging Connectivity and Optimization to Improve Energy Efficiency of Hybrid Electric Vehicles 』

Abstract:
Rapid development of communication technology makes it possible for traffic participants in a connected environment to achieve real-time information interaction. How to utilize the information from vehicle to vehicle (V2V) and vehicle to infrastructure (V2I) to further improve energy efficiency for automotive powertrain is still an unsolved research problem. In this seminar, the signification of connectivity to powertrain efficiency improvement of hybrid electric vehicles (HEVs) will be firstly discussed. Then, optimization strategies proposed by the speaker for ego vehicle, multiple vehicles and large-scale vehicles will be explored, respectively.

Biography:
Fuguo Xu received the M.E. degree in control theory and control engineering from Yanshan University, Qinhuangdao, China, in 2016 and the Ph.D. degree in green science and engineering from Sophia University, Tokyo, Japan, in 2019. From October 2019 to October 2021, he has been a Postdoctoral Fellow with the Department of Engineering and Applied Sciences, Sophia University. He is currently a research assistant professor with the Advanced Research Laboratories, Tokyo City University, Tokyo, Japan. He has served as the student activity chair of IFAC Conference on ECOSM 2021 and he is serving as the guest editor of Control Theory and Technology. His research interests include optimal control and applications in powertrain system of hybrid electric vehicles (HEVs), and connected and automated vehicles (CAVs).

お問い合わせ先

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