

Wednesday 20 February 2019**10:15 – 12:15****P2-216, University of Lille****Electric Vehicles in China****Dr. Jinlin GONG****Shandong university & Ensam, L2EP****Abstract:**

Due to pressures from both energy and environment, electric vehicles (EVs) and their related technologies have experienced considerable achievements in China in recent years. In this presentation, Firstly, the developmental driving forces of EVs in China are reviewed and analyzed with an emphasis on government policies such as subsidy rules, research investment. Secondly, the development status in China with key statistics including EV market status, mainstream technical indicators, charging infrastructure, and key components (battery, motor drive systems) are presented. Some videos are also included, such as the revolution of E-bike and the E-bus in China. Finally, the development of high-speed train and magnetic levitation (Maglev) train in China are also covered, including the key statistics and the research projects.

About the Speaker



Jinlin GONG received the B.Sc. degree from the Southwest Jiaotong University, Chengdu, China, in 2006. He got the M.S degree from Southwest Jiaotong University and the engineering degree from Ecole Centrale de Lyon in 2008, and received the Ph. D degree in electrical engineering from Ecole Centrale de Lille, France, in 2011. From October 2011 to August 2012, he was an Assistant Professor at the Engineering School of Arts et Métiers ParisTech, Lille, France. Since Mars 2013, he has been a Lecture with the School of Electrical Engineering of Shandong University, Jinan, China. His research interests include optimal design and control of linear machines and multi-phase synchronous permanent magnet machines.