



國立臺灣大學機械工程學系暨研究所

演講公告

時間 10月11日(週二) 10:00 AM

地點 工綜734會議室

講題 Research Development on Motor Control/Design for EV Powertrain

講者 Chen-Yen Yu, Sr. Engineer at Tesla motors

主持人 鄭榮和教授

摘要

Motor control/design is the core for the EV powertrain. This presentation will discuss the most recent development in motor control/design. The topics include: Torque sleep mode which increases the range about 5-10% in Tesla's AWD fleet, variable flux machine design and control, and various motor designs for EV applications. In addition, Tesla's long term goal and plan will be briefly discussed in this presentation as well.

