IEEE Systems Council Chapter presents IEEE Distinguished Lecture Series on

Energy Storage Systems for Automotive Applications

Prof. Hannes Wegleiter
Graz University of Technology, Austria

Date: ***March 1, 2018 (Thursday)***
Time: ***5:00 – 6:00 PM***
Location: ***VEC 424, CSULB***

Abstract: The transition from fossil fuel-based transportation to clean electric mobility has to be considered one of the crucial steps of decarbonization. In this sense, reducing the import of oil to gain political independence is as important as mitigating global warming due to CO2 emissions according to the international climate goals. Even though the strong projected increase of electric vehicles must be seen as a rather positive development, a number of new related challenges will arise for energy supply companies, grid operators, vehicle and charging-station manufacturers and eventually the customers. In this talk the key enabling technology, the energy storage device, will be discussed more in detail. Typical application scenarios of batteries and flywheel systems will be presented in the context of Automotive Applications.

About Speaker: Dr. Wegleiter received the MS and PhD degrees from Graz University of Technology in Austria, in 2004 and 2006, respectively.
Since 2014, he is an assistant professor and deputy head of the Institute of Electrical Measurement and Measurement Signal Processing, Graz University of Technology. His research interests include electrical measurement technology, and electrical energy storage systems. Dr. Wegleiter is author and co-author of more than 40 technical publications.

For more information, please contact: Dr. Henry Yeh at henry.yeh@csulb.edu