



IEEE Systems Council Chapter presents IEEE Distinguished  
Lecture Series on

# Basics of Electrical Storage Systems

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Date: **March 23, 2018 (Friday)**

Time: **1:30 – 2:30 PM**

Location: **VEC 424, CSULB**



**Abstract:** The aim of this lecture unit is to provide a rough overview of the characteristics of batteries. This unit does not focus on the physical operating principle of the storage, but rather on defining basic terms such as specific energy and power, energy and power density, charge/discharge rate, efficiency, thermal losses etc., in order to be able to carry out a first rough classification by means of a Ragone diagram.

**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.

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