SAN DIEGO STATE UNIVERSITY

Mechanical Engineering
Fall Seminar Series

Understanding the Lithium-Ion Landscape and its Applcation to Motive Power

Wednesday, November 15th, 2:00 pm-3:00 pm; Room E-201

Abstract:

The rapid development of battery technology has created new opportunities and an incredibly diverse, competitive, and dynamic landscape. An understanding of the available lithium battery chemistries, their properties, and suppliers is vital when producing energy storage products. This talk will discuss the commercially available chemistries, form factors, associated properties and benefits, and how they apply to industrial equipment and in particular, motive power. It will also touch on practical matters in battery design when considering safety and reliability.

Dr. Peter Geantil

BIO:

Dr. Geantil received his PhD in Mechanical Engineering from the University of Southern California in 2013 and has been working at Flux Power, Inc. since. A pioneer in industrial lithium-ion products, Flux Power has provided solutions for everything from autonomous mining robots to airport vehicles to fork lifts. The battery technology, industry acceptance, and competitive costs are creating a paradigm shift in the industrial space, and Flux Power is helping lead the way. Among his responsibilities, Dr. Geantil attempts to understand the ever more complex lithium-ion landscape and how it applies to the industrial space. His main goal is to bring greener, safer, and more efficient battery technology to the material handling industry.

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FLUX POWER