You are invited by the IEEE Electronics Packaging Society (EPS) Student Chapter at the University of Waterloo to attend a seminar:

Title: An Energy Savings Journey

Speaker: Alex Lidow, CEO and Co-Founder of Efficient Power Conversion Corporation (EPC)

Date: October 25th, 2022

Time: 12:00 PM – 1:00 PM

Location: The speaker will conduct the seminar remotely, but you can register and join the seminar audience in person in EIT 3142 (a pizza lunch will be provided), or you may register and join the seminar online. Registration is required.

To join in-person, please register at:
https://www.ticketfi.com/event/4807/ieee-eps-seminar-an-energy-savings-journey-by-alex-lidow

To join online, please register at:
https://uwaterloo.zoom.us/webinar/register/WN_pTDu30cKTVq1ctUpxqleOw

Biography:

Alex Lidow is CEO and co-founder of Efficient Power Conversion Corporation (EPC). Prior to founding EPC, Dr. Lidow was CEO of International Rectifier Corporation. A co-inventor of the HEXFET power MOSFET, Dr. Lidow holds many patents in power semiconductor technology and has authored numerous publications on related subjects, including co-authoring the first textbook on GaN transistors, GaN Transistors for Efficient Power Conversion, now in its third edition published by John Wiley and Sons. Lidow earned his Bachelor of Science degree from Caltech and his Ph.D. from Stanford.

Abstract:

Starting with a few words from a professor in 1976 about how energy impacts the global standard of living, I was inspired to find the most efficient ways to use electricity as a career. Milestones along the way include the basic inventions that led to modern silicon power MOSFETs as an R&D engineer, through a career in manufacturing, and eventually leadership of a multinational publicly traded semiconductor company. Finding silicon at its theoretical limits for power conversion at the end of the last millennium, I then started a new path with GaN-on-Si technology by starting Efficient Power Conversion (EPC). The team of engineers and scientists at EPC have developed products that continued the trend towards greater energy efficiency while opening whole new applications that take advantage of GaN's extraordinary characteristics.