

1:00 PM TO 3:00 PM

Coordinator:
Ed Ponganis



Everyday Engineering: The Marvels of Daily Life: We go through life largely unaware of how our complicated technological society works because few of us has ever taken a class on engineering. This is your chance to become aware of some of the marvelous things that we interact with daily and are still clueless about. We will focus on electricity, how it is generated and used. What are the characteristics of the different types of fossil fuels used and why they are selected? What are the fundamental blocks of a power plant facility? How are fossil fuels, nuclear, wind, and solar used to generate power and what are their trade offs? How is electricity transmitted from the power source to your house? How does your refrigerator, air conditioner, heater, and telephone system work?