

Seminar Series

FALL 2021



RYAN PAUL

Oak Ridge National Laboratory

125 Years of Synthetic Graphite

WEDNESDAY

OCT 20 @ 2:30 PM

ZOOM LINK ON EVENT PAGE



JOHNS HOPKINS
WHITING SCHOOL
of ENGINEERING

Materials Science and Engineering

Graphite materials are enabling advancements in nearly every aspect of modern energy technology, such as aerospace and automotive light-weighting, next generation nuclear reactor designs, higher performance and lower cost electric vehicles, faster charging electronics, growth in semiconductor market, and more-efficient steel recycling. The goal of this talk is to highlight the fundamentals of graphite materials technology, including the raw materials, processing, structure, and properties that enable graphite materials to play a critical role in today's products and applications. It will be shown that in addition the rich history and growth, the future continues to hold more opportunities, in ever increasing areas. The story of carbon and graphite materials is indeed the story of modern technology and society.