The Many Scientific Facets of Glass

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Glass has a long history that mirrors the rise of civilization and technology. In many cases, it has enabled the development of science, while in others it has become a commodity used by millions. In this talk we will focus on a variety of applications of glass, emphasizing the scientific reasons why it has reappeared throughout history as a cutting-edge material. We will discuss its use in biomedical applications like cancer treatments and soft-tissue wounds, the use of glass for nuclear waste encapsulation, the many optical applications of glasses, naturally occurring glasses on Earth and in the Moon, its role in energy storage, and other fascinating roles. The presentation will leave time at the end for a broad range of questions about this incredible material.

September 15, 2021
4:00 pm
Begeman Hall 114

Everyone
Welcome!