Abstract

The Top 10 Ways Materials Science and Engineering Has Evolved

There are many ways that materials science and engineering has changed since the 1970s -- when “Materials and Man's Needs” was written and the MSE discipline emerged at the intersection of extractive metallurgy, mechanics, solid state physics, and physical chemistry. New departments arose in many industrial, academic, and government institutions, and new materials were changing the world. Let's look at where "materials science and engineering" is today; where people work, what they do, and how they do it; what has changed, and what is still changing. Attendees are invited to propose their own top 10!