

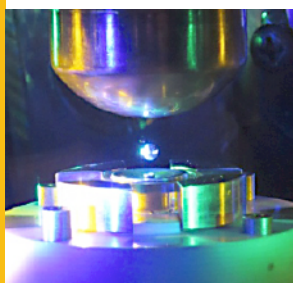


MATERIALS THROUGH THE AGES

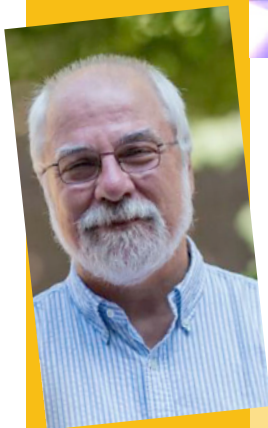
THE LAUNCH DATE IS DECADES AWAY,

but NASA will be sending humans to Mars.

The trip is not without its challenges. The round trip could take up to three years. This means NASA needs lots of new materials.



The development of materials has always gone hand-in-hand with advances in technology. Metals and glasses have been the dominant materials over the ages; plastics and semiconductors have taken on significant roles in the relatively recent past. Over thousands of years, by trial and error, humankind has learned how to produce superior materials for different types of processing.



Ken Kelton, the Arthur Holly Compton Professor in Arts & Sciences, will discuss:

- Techniques used to tailor metals and glasses for specific applications
- Modern instrumentation
- Advanced techniques being explored for materials of the future

THURSDAY, APRIL 26, 2018

Time:

Public Lecture: 4:30 - 5:30 PM

Reception: 5:30 - 6:00 PM

Location:

mySci Resource Center

6601 Vernon Avenue

St. Louis, MO 63130

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