

## USC Space Engineering Research Center

# SEMINAR ANNOUNCEMENT: “Space Archaeology: New Methods for Improving Life in Space”

WHERE? Taper Hall, THH 208 WHEN? March 3<sup>rd</sup> at 12:00-1:00PM



**Seminar Announcement:** The University community is invited to a seminar presented by the Space Engineering Research Center (SERC) team entitled “Space Archaeology: New Methods for Improving Life in Space”, to be held in Taper Hall, THH 208 on March 3<sup>rd</sup> at 12:00pm.

The seminar will be hosted by the SERC and presented by Dr Justin Walsh, Ad Astra Fellow.

The SERC is a USC research center where graduate and undergraduate students can collaborate with professors and experienced engineers to gain hands-on experience with hardware-based projects in the space domain. Current research areas: Microsatellites, Satellite Communications and Tracking, Lunar Lander technology (LEAPFROG), Satellite Servicing and Docking experimentation, technologies for Rendezvous and Proximity Operations, Advanced Propulsion, and Earth-based simulation testbeds for microgravity frictionless environments. Please [visit our website](#) for more information about the SERC.

*The Space Engineering Research Center (SERC) is dedicated to disruptive space engineering, research, and education – including hands-on build, test and flight demonstrations of spacecraft and satellites. SERC seeks to challenge traditional methods of space R&D, manufacturing, and exploration with approaches that dramatically reduce costs, enable novel capabilities, and support vital democratization of the space domain. The SERC is a joint effort between the Information Sciences Institute (ISI) and the Department of Astronautical Engineering.*

**Topic Abstract:** Archaeology and space travel don’t seem like topics that belong together. But in this lecture, Justin Walsh will introduce the field of space archaeology and its development as a field not only documents human activity in space, but also provides practical insights to make life there better for people. He will focus in this talk on methods that make it possible for archaeologists to study space habitats even if they can’t visit in person.

**PRESENTER BIO:** Justin Walsh is associate professor of art history and archaeology at Chapman University. He is the creator and co-PI of the first full-scale archaeological investigation of a human habitat in space, the International Space Station Archaeological Project (ISSAP). In 2023, ISSAP received the Archaeological Institute of America's Award for Outstanding Work in Digital Archaeology. Justin's work has been covered by CNN, NPR, CBC Radio, *Scientific American*, *Popular Science*, and many other outlets. He serves as a technical expert on the International Astronautical Federation's Space Habitat Committee.