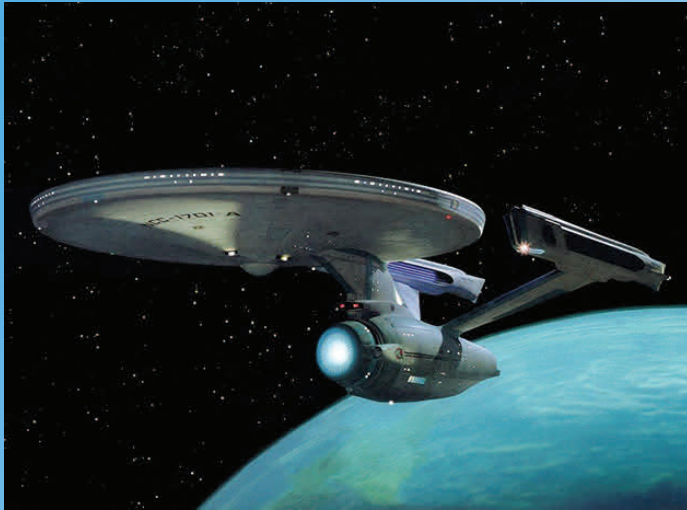


Physics and Space Science presents:

# "It's Testing Jim, But Not As We Know It!"



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Testing is an important part of the software engineering life cycle. It's also expensive, time consuming, and an example of the "big data" problem. This talk explains our approach to this challenge, called software testing in the cloud (STITC), which uses a decision framework called SMART-T and a distributed execution environment called HadoopUnit. Our current work using a service-oriented architecture (SOA) to expose the cloud's capabilities to provide software testing as a service (TaaS) is also presented. Possible applications to high-energy physics and space sciences are discussed.

Friday, October 19

4:00—5:00pm

OPS Room 140