



# *Systems Engineering Forum*

## Virtual Series

### **Design for Principles (DfP)**

**Presenter:** Erin Ryan, The Aerospace Corporation

**Abstract:**

This presentation is the out briefing from a government-Aerospace, invitation-only, Designing for Principles (DfP) workshop needed to examine the DfP merits and then characterize advocacy and next steps. DfP proposes principles to produce a truly resilient space architecture, using a more nimble methodology than current capability development approaches. Designing for Principles emphasizes particular design principles, like flexibility, adaptability, and survivability, making it better suited to accommodate complexity and more effectively respond to uncertain and changing environments like what we see in the space domain today. The workshop provided read-ahead materials, now located in the SEF archive that scopes the DfP approach. The workshop out briefing includes a quick overview of DfP, a summary of the workshop itself, as well as presentation of major findings.