



# Criteria for Selection of Materials for a Flammability Test on ISS

David B. Hirsch

NASA/Hokkaido U/JAXA Technical Interchange Meeting  
NASA WSTF  
Las Cruces, NM USA  
June 5, 2012



# Criteria



- Select if possible a representative spacecraft material
- Simulate as closely as possible real-life configurations used in spacecraft
- Flammability threshold levels
- Heat of combustion
- Combustion products
- Charring/non-charring
- Self-supporting vs non-self-supporting

