

Ground System Architectures Workshop

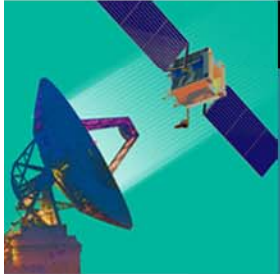


Session 12E

Technology Investments for
Emerging Cyber Strategies

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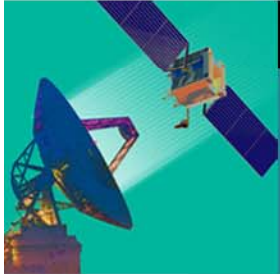


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Technology Investments for Emerging Cyber Strategies

The world is becoming more aware of the security challenges being played out in the ubiquitous, highly internetworked computational infrastructure called cyberspace. Easily developed, highly sophisticated and devastating cyber attacks and offensive campaigns can render a priori built-in “point solution” cyber defenses ineffective. This is leading to a shift in the strategies for addressing cyber challenges, in which greater attention is now being given to highly coordinated, cooperative, distributed, dynamically adaptive “cyber operations” and the technologies needed to support such operations.

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Technology Investments for Emerging Cyber Strategies

This working group will focus on an important set of questions that any space mission, whether commercial, scientific, military or intelligence in nature, must face as it comes to grips with the cyberspace challenges and the emerging strategies to address them. These questions address the implications of the “cyber strategy shift” on technology investments and vice-versa.

Participants in this working group will be challenged both to provide answers to such questions, and to introduce similar questions that are particularly important to them.