Thoughts on GENI

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The World Is Changing…

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The World Is Changing…

…Compute

Processor Architecture

Storage/Memory Hierarchy

Platform Arch/SOC/Accelerators

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The World Is Changing…

…Communication

Wireless

Mobility

Programmability

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The World Is Changing…

…Applications

Transaction → Session

Content → Communication

Business Critical

The World Is Changing…

…Success Metrics

Power over Performance

Cheap Administration over Cheap HW

Acceptable Risk

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The World Is Changing…

…And Innovation Will Follow

(and innovation generally drives compute requirements)

We Expect GENI to Drive Innovation…

… Internet-Scale Distributed Computing Platform
(App-Centric Model for Compute, Communication, Storage)

… System Software for "Modern" HW
(Client/Server, Edge, Core)

… Understanding the Impact of Wireless on Apps
(Power, Topology, Federation)

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GSC Industry Relations

- Chairs:
  - Mic Bowman & Farnam Jahanian
- Objectives
  - Provide Feedback on the Science Plan
  - Ensure Communication with Industry
  - Encourage Industry Support & Participation
- For more information
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