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Computer and Network Systems

CISE, National Science Foundation

Visioning activities

- Quadrennial papers
 - Core Computer Science
 - Broader Computer Science
 - Socio-technical computing
 - Diversity and Education
 - AI
- Visioning workshops

- *“We need to rethink algorithms, software/hardware architectures,...”*
- *Clean-slate design*
- *Convergence, Inflection point*

- End-of-Moore’s Law
- Sustainability
- Security
- Next Generation of Networked Systems
- Resiliency
- Broadening participation

Mechanisms...

- Workshops
- Testbeds – Data/Infrastructure
- Partnerships (Public/private/communities)
- Scale: Small, Medium, Large, Frontiers, Institutes
- Theoretical foundations