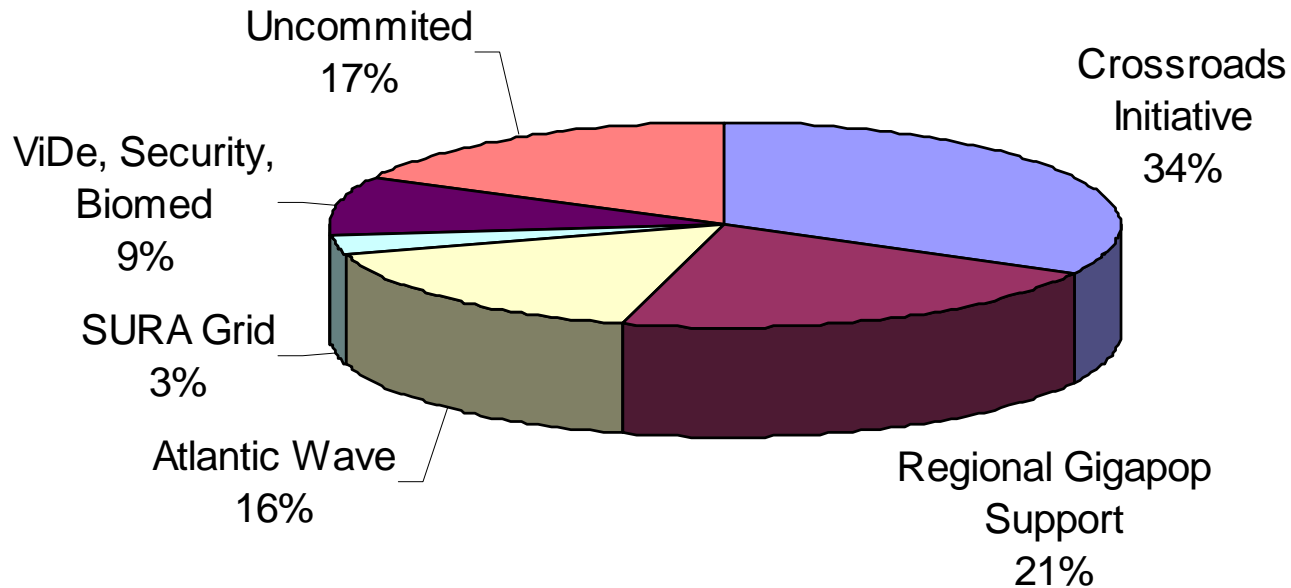




SURA IT Committee Meeting Summary and Report

November 8, 2005

IT Fund Summary



Remaining IT Fund Balance = \$515,000



SURA IT Program Update

- **SURAGrid**
 - **>600 nodes, > 1TFlop**
 - **Very active community of participants**
 - **Functioning SURAGrid portal & Bridge CA**
 - **Funding activities**
 - **\$200,000 in grant funding expected by year end**
 - **Corporate partnership – Sun meeting/proposal**
 - **Workshop series**
 - **December Applications Workshop**
 - **January Life Sciences Grid Workshop**



SURA IT Program Update

- **Health Sciences**
 - Focused on identifying biomed grid applications
 - Engaged consultant (Jay Sanders)
 - January Grid workshop is a key event
- **Network Infrastructure**
 - **AT&T Collaboration**
 - Oregon implementation is done
 - LONI, LOTA and Montana in process
 - **Atlantic Wave**



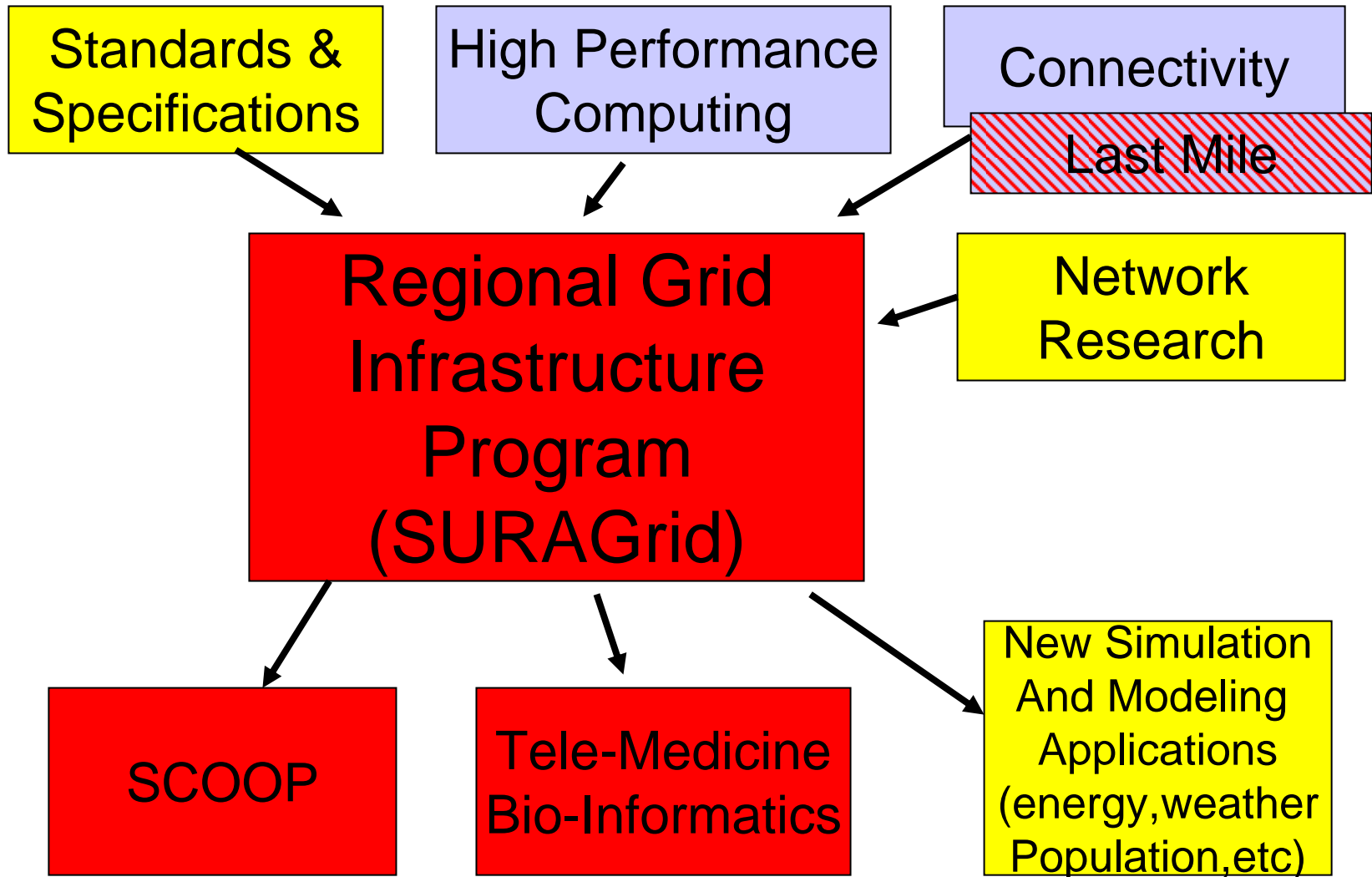
SURA Program Update

- **Hurricane Relief Activities**
 - **Working with Cisco and Dell**
 - Special equipment discounts & financing
- **ViDe**
 - **SURA is managing ViDe finances**
 - **Part Time paid ViDe Chair**
- **Details of SURA IT program update under Tab 18 of Board Book**

IT Strategic Plan

- Current plan approved in November 2003
- Strategic Planning Retreat and IT committee meeting held in July 2005 (28th and 29th) in Atlanta
 - Review of progress
 - Environmental scan
 - Discussion of new opportunities
 - Identification of opportunities and priorities
- IT Committee met yesterday to refine and prioritize the strategic plan

It's All About Grids



What are GRIDS?

- Share computation, data, storage and other networked-accessible resources
 - Shared across geographic and administrative boundaries
- Orchestrate these resources “seamlessly” to solve a single problem or query
- Enable collaboration in distributed e-science initiatives - real-time access to distributed people, data, machines and instruments
- While the concepts and technology and concepts developed in the physical sciences, they are relevant across all science communities

Why GRIDS?

- Willie Sutton said it all
- The technology structure matches the research organizational structure
 - Refocuses from competition to collaboration
- Very efficient use of resources
- Like the Internet, the greatest strength is the lack of centralized control



...And about community development

- Principal Investigators
 - All domains
- SURA Development Committee
- HPC Center directors
- Federal Agencies
 - NSF,NIH,NOAA,DoE,ONR
- International partners
- Commercial partners
- Standards groups
- Computer scientists
- SURA CIO's



...And about resources

- What we have
 - SURA IT staff
 - 2 FTE
 - Over committed
 - Missing opportunities
 - Consultant and IT Fellow
 - Community ‘volunteers’
 - Backbone of our success
 - ‘Core’ volunteers burning out
 - Campus priorities are intense
 - Remainder of IT fund (approximately \$500K)



...More about resources

- **What we will need**
 - **More dedicated resources to assure timely development of opportunities and support for initiatives**
 - General program development staff
 - Grid Action Team
 - Technical staff to support grid application development
 - Release time purchased from members
 - **Equipment and program funds**
 - Pilots and matching
 - Targeting 5-10:1 leverage
 - By May Board of Trustees meeting we anticipate pilot proposals in Telemedicine
 - **External funding from agencies and corporate partners**
 - Significant vendor discounts
 - More active tracking and response to grant opportunities



Questions?