

# **AMPATH**

***First International AMPATH Conference***

***Valdivia, Chile***

***April 12, 2002***

## ***AMPATH and the International Research Community***

Heidi Alvarez  
Co-Principal Investigator, AMPATH

April 12, 2002

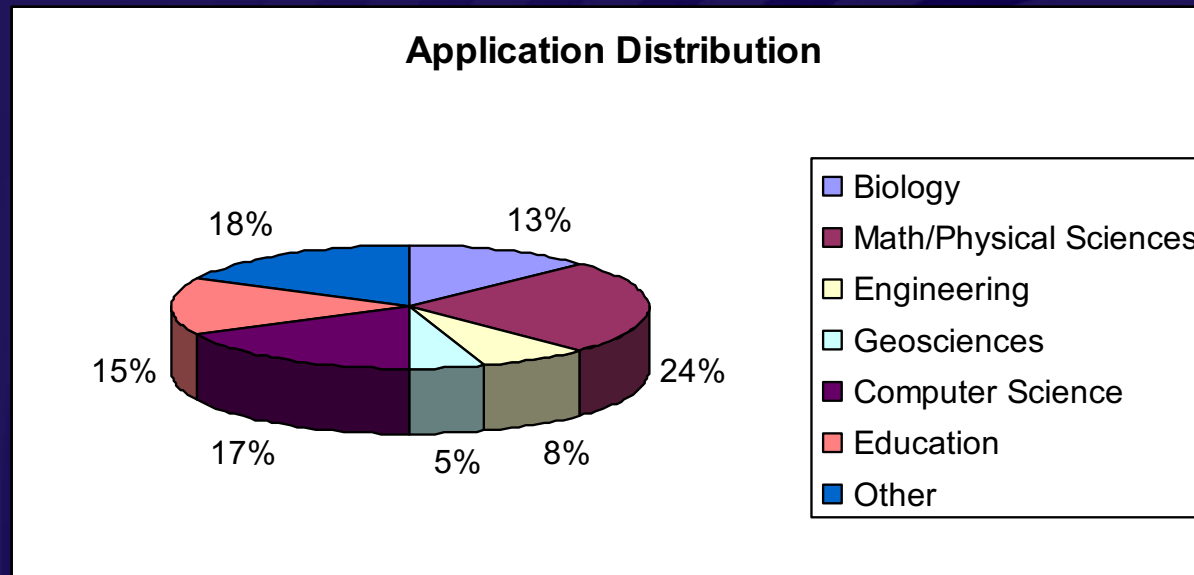


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# e-Science Applications

- August, 2001 AMPATH Workshop in Miami to identify scientific research applications
- ~ 40 applications identified



**NSF 0123388 Award**

**FIU AMPATH Workshop to Identify Areas of Scientific Collaboration  
between the US and the AMPATH Service Area, August 15 – 17, 2001**



# **AmericasPATH (AMPATH)**

## **Computational Science and Engineering Applications**

**<http://www.ampath.fiu.edu/APPLICATIONS/Appendix A.htm>**

**Tell us about your applications. Complete the  
*Request for Application Information at:***

**[http://www.ampath.fiu.edu/application\\_info\\_req.htm](http://www.ampath.fiu.edu/application_info_req.htm)**

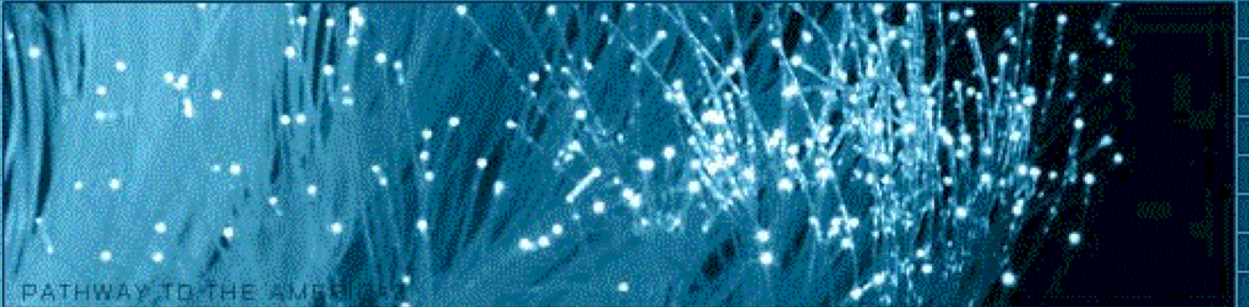


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# AMPATH Registry

	ABOUT AMPATH	
	APPLICATIONS	
	EVENTS	
	MEMBERSHIP	
	NEWS	
	PARTNERSHIPS	
	PUBLICATIONS	
	NETWORK	

Welcome to AMPATH's automated database. Please use the form on the right to insert upload new data into our database. This data will be shared with all of our users throughout the world. Thank you for becoming part of this worldwide experience. If you need any assistance, please click [here](#)

Project Title:	<input type="text"/>	Related Keyword(s):	<input type="text"/>
Project Leader:	<input type="text"/>	People:	<input type="text"/>
Email Contact:	<input type="text"/>	Web Site URL:	<input type="text"/>
Country:	<input type="text"/>	State:	<input type="text"/>
Institution:	<input type="text"/>	Affiliation:	<input type="text"/>
Resource:	<input type="text"/>	Discipline Type:	<input type="text"/>
Metro. Net. Conn.:	<input type="text"/>	Reg./Nat. Net. Conn.:	<input type="text"/>
Grid Category:	<input type="text"/>		

Submit Data

Reset



For demonstration purposes only.

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# *Scientists Using AMPATH*

- US scientists conducting high-quality science in the AMPATH Service Area
- Latin American & Caribbean scientists who are recognized research leaders
- NRN professionals who develop and support high-performance network-dependent applications for science, research and education
- What's new →





# AMPATH: Network of the Americas

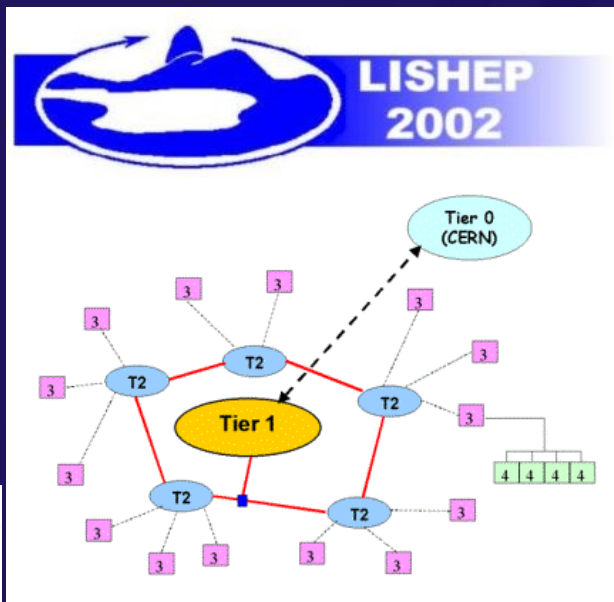
Grid Workshop  
February 7-8  
Rio de Janeiro,  
Brazil

*StarLight / AMPATH trial  
connection NSF Award #  
ANI-021534*



## Purpose:

- Exercise this link and gather data using the COJAC application
- End points include EURJ, Caltech, Fermi National Lab



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# HEP Data Grids, the LHC and Global Networks

## COJAC Application Results over AMPATH / Abilene and StarLight



### Contact:

- Harvey B. Newman
- California Institute of Technology
- [newman@hep.caltech.edu](mailto:newman@hep.caltech.edu)



# International Virtual Data Grid Laboratory



## Contact:

Paul Avery

University of Florida

[avery@phys.ufl.edu](mailto:avery@phys.ufl.edu)

<http://www.ivdgl.org/>



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# National Virtual Observatory (NVO)

Alex Szalay

[szalay@jhu.edu](mailto:szalay@jhu.edu)

The Johns Hopkins  
University

<http://www.srl.caltech.edu/nvo/>



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# More Observatory Opportunities

- In addition to Gemini and Arecibo, AMPATH can provide connectivity for other US funded projects in the Service Area. For example:
  - Atacama Large Millimeter Array (ALMA) Project—Chile
  - Pierre Auger Observatory, Argentina
  - The Inter-American Institute for Global Change Research—Headquarters, Brazil
  - Yale Southern Observatory—Argentina



# AMPATH Special Interest Groups

- Chairpersons Wanted
  - High-Energy Physics
  - Astronomy
  - Biomedical Engineering
  - Nanotechnology
  - Geology
  - Environmental Studies
  - and the list goes on...
- Support on the AMPATH web site, mailing lists, and at AMPATH meetings – Next in Miami February 6-7, 2003





***AMPATH is Application Collaborations!***

***Thank You  
Heidi.Alvarez@fiu.edu***

# ***AMPATH CONFERENCE***

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