

The RHIC Users' Community

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Overview of RHIC Users' Resources

- **RHIC & AGS Users' Group**
 - An organization of scientists who make use of BNL's RHIC, AGS, NSRL (National Space Radiation Lab), and ATF (Accelerator Test Facility)
- **UEC**
 - The elected representatives of the Users' Group
- **Users' Center**
 - Enables outside users to work at the BNL site, assists in transition for students and scientists from other countries, provides a user-friendly interface between scientists and federal regulations.

UEC/Users' Group Activities

- Annual Meetings:
 - BNL Users' Meeting –
 - science
 - reports from funding agencies
 - reports from BNL management
 - elections
 - annual thesis and poster awards
 - user business
 - DNP Users' Meeting – Machine report
 - APS – Political issues
 - Open Forum Meetings

UEC Activities

- Foreign Visits and Assignments
- Users' Meeting
- Political Action
- Computing
- Bylaws
- Thesis Award
- Quality of Life

RHIC & AGS Annual Users' Meeting

Monday-Friday, May 10-14, 2004

New Format: Expanded from 2 to 5 days -- One plenary session day (Wed.) surrounded by 7 RHIC and 3 AGS Workshops.

User Organizers: 31 users directly involved as workshop organizers

Positive Feedback: Enthusiastic response to workshop format.

Plenary Day: New RHIC results, thesis award, perspectives on future, reports from funding officers, Open Forum, workshop reports, poster session and awards, election results, reception and dinner.

Increased Attendance: 216 registered vs. 154 for 2003

BNL Bulletin: Excitement at 2004 RHIC & AGS Annual Users' Meeting

(May 28, 2004)

"This is the happiest users' meeting ..." -- Tom

Kirk

Thanks to Users Center staff:

Susan White de Pace, Angela

Demographics I

- Total number of users: 1369
- Number of RHIC Users: 897
- Breakdown by experiment:
 - Brahms 45
 - eRHIC 9
 - Phenix 370
 - Phobos 60
 - pp2pp 9
 - Riken 8
 - Star 396

Demographics II

- Total number of users: 1369
- Number of RHIC Users: 897
- Breakdown by position:
 - faculty/staff scientist 368
 - postdoc 82
 - graduate student 283 (99)
 - other 29
 - remote users 135 (300)

RHIC Publications

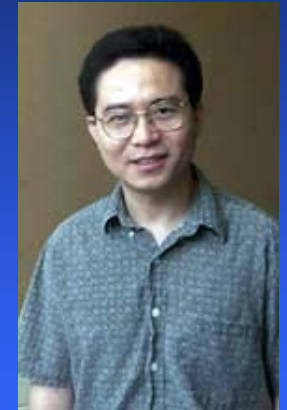
- Total papers published (submitted): 126 (21)
- By year:
 - 2000 2
 - 2001 12
 - 2002 23 (1)
 - 2003 23 (7)
 - 2004 6 (13)
- Physical Review Letters: 51 (10)

RHIC PhD Theses

- Total 49
- 2000 1
- 2001 8
- 2002 20
- 2003 16
- 2004 3 (to date)

DOE Outstanding Junior Investigator awards (experiment only):

- 2004 Julia Velkovska, Vanderbilt
- 2003 Fuqiang Wang, Purdue
- 2001 Gunther Roland, MIT
- 2000 James Nagle, Columbia

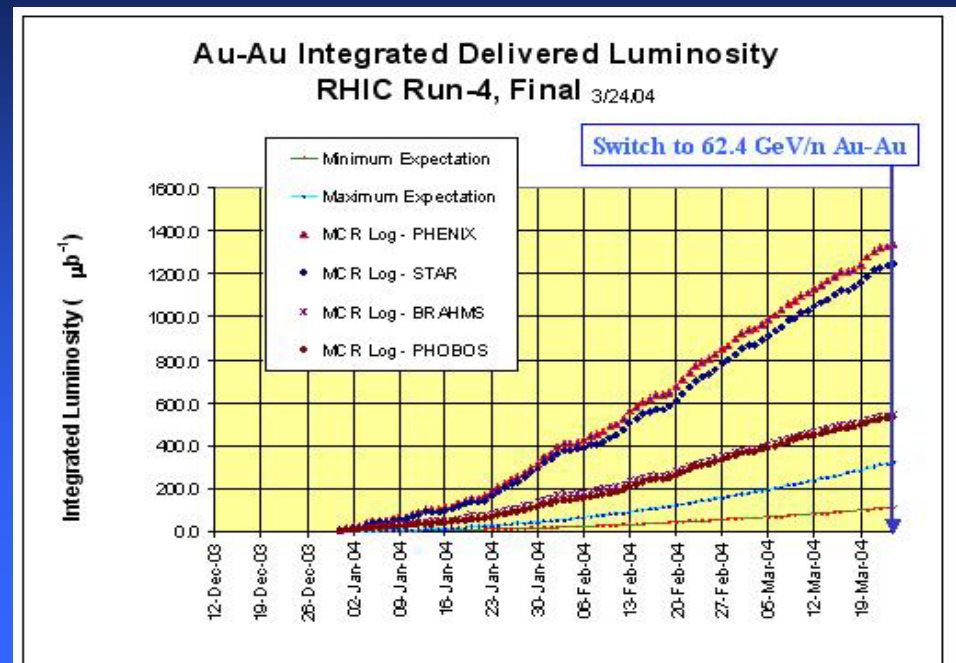


Major Concerns of the User Community

- Funding for beam time, more students, upgrades, long-term future.
- Visa Issues are the most troubling:
 - Only 278/897 RHIC Users are US citizens.
 - There are 139 RHIC Users from sensitive countries:
 - Predominately China(34), India(19), Russia (77)
- Need multiple-entry visas, priority processing for scientists

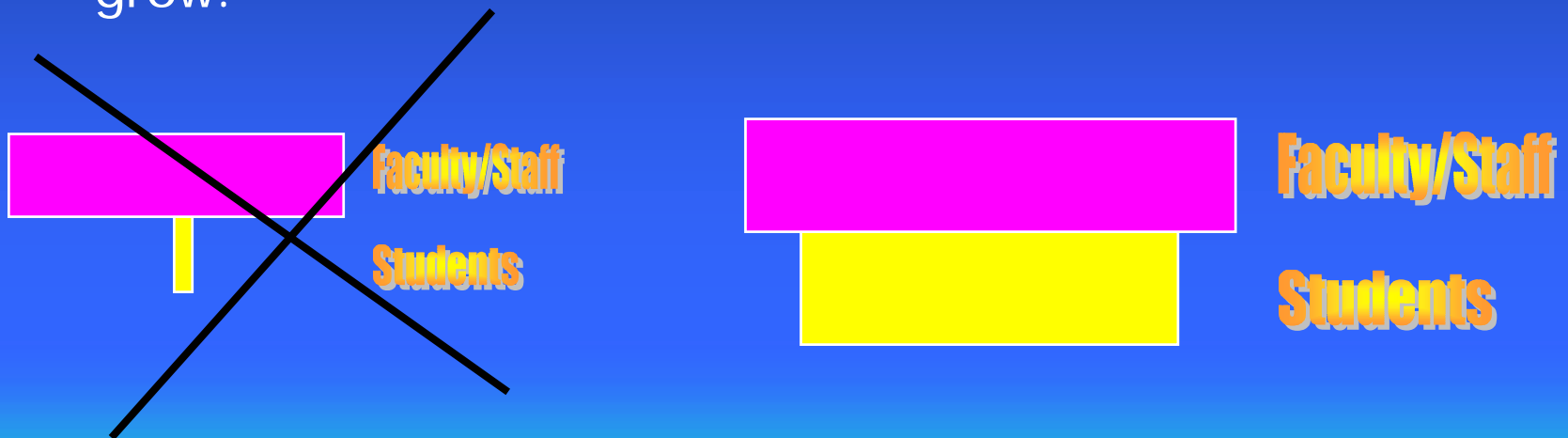
Greatest Sources of User Satisfaction

- RHIC Machine performance
- Physics Results



An Opinion: The RHIC Users represent a healthy scientific community

- The publication rate (based on dissemination of physics results), its derivative, and the significance of the publications (citation rate, # of PRL's) are all good.
- The derivative of PhD production is good.
- New faculty positions are being created and filled.
- Younger researchers are being encouraged and rewarded.
- The "pyramid" has a strong base that could continue to grow.



Monday, May 10

R1a	Bulk Dynamics at RHIC: HBT, Entropy Production, Thermodynamics, and Hydrodynamics
R1b	Spin Physics at RHIC I: First Results and Status of the First Polarized Proton Collider

Tuesday, May 11

R2a	High p_T Physics at RHIC: I. Spectra, R_{AA}
R2b	High p_T Physics at RHIC: II. Jets, jT , kT
A1	Hadronic Physics with Hadronic Beams at AGS: Baryons, Hyperons, and Pentaquarks

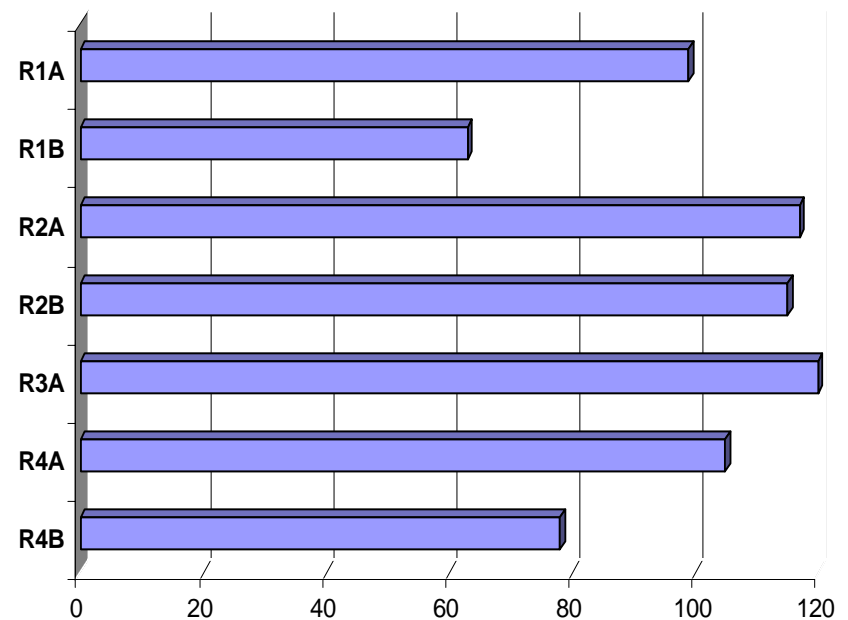
Thursday, May 13

R3a	Heavy Quark production at RHIC
A2	Future Kaon Experiments at the AGS

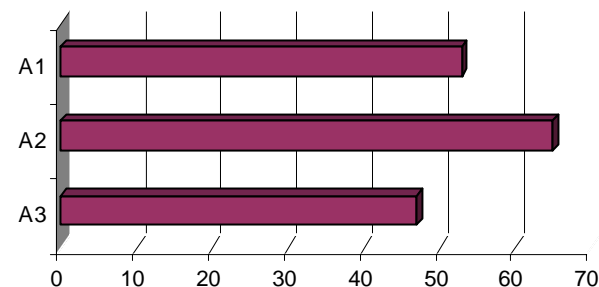
Friday, May 14

R4a	Strangeness and Exotica at RHIC
R4b	Forward Physics at RHIC
A3	Advances in Lepton Flavor Violation Searches

2004 RHIC Workshop Attendance



2004 AGS Workshop Attendance



Persons Registered