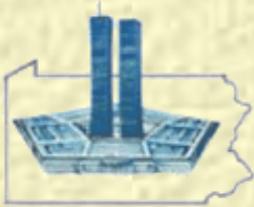


# Particle Post

**Editor: Pamela Manning**  
**X4072**

**NOVEMBER 2004**



**We Remember**  
**Sept. 11, 2001**

**Wheresoever you go, go with all your heart.**  
**-Confucius**

## **A Note From Our Chairman**

This month has been a busy one for reviews. We sustained three reviews in five days and managed to do well with all of them. The NSF review of the RSVP Project started off with a two-day session. The result, in just a few words, is that the committee accepted our proposal to upgrade the AGS slow extracted beam equipment and beam line components, as well as the related AGS and experimental area infrastructure. We successfully proved that without these very substantial replacements and upgrades, the high future intensity proton program would put RHIC operations in jeopardy with significant failures, lengthy repair times and unacceptable personnel radiation burden. The only problem was the price tag. We have to work hard to reduce these costs. The second review was the Machine Advisory Committee. They agreed with our plan to upgrade both the RHIC heavy ion (prior to electron cooling) and polarized proton luminosity and the polarized proton polarization. The final session was a NASA review of NSRL. They were pleased with our machine performance and experimental support. They agreed to pursue NASA approval of additional construction funds, along with the DOE, for the EBIS Project. They also agreed to pursue the creation of the Center for Space Science Research (CSSR) at BNL. This center would be international in character and invite fellows in radiobiology research to live

and work at BNL. This would be an exciting addition to BNL, just as the RBRC (RIKEN) has been for nuclear and high energy physics.

The FY2005 financial front is not very encouraging at the moment. We are facing a continuing resolution, at the FY2004 budget level, for the entire year. The Senate has not allowed the Energy and Water Appropriations Bill to come to the floor because of the Yucca Mountain controversy. If there is more news on this subject, I will inform everyone of our financial status.

By now you will have all read Praveen Chaudhari's memo appointing John Hauser as Interim Assistant Laboratory Director for Finance. We are proud, and sad at the same time, that another one of our department members has been tapped for a responsible BNL position. We wish John well in his new position. Stephanie LaMontagne has agreed to be the Interim Head of the Administrative Division and Interim Associate Chair for Administration. Stephanie comes with many years of experience at the AGS Dept., RHIC Project and C-A Dept., most recently as Deputy Head of the Administrative Group. With the present FY2005 budget uncertainty, Stephanie will require all our efforts to remain financially solvent through September 2005.

*Derek Lowenstein*



## **Administration**

As is often the case, major organizational changes happen fast. Dr. Chaudhari's appointment of John Hauser as the Interim Associate Laboratory Director for Finance took the Administrative Group by surprise. John accepted the job on Wednesday, November 10 and began his new position on Monday, November 15. While he is already missed both professionally and personally, I am confident his experience, abilities and in-depth knowledge of the Laboratory will continue to serve C-AD well. Good luck, John!

In John's absence, some job responsibilities within the administrative group will be reassigned. Details regarding the changes in the group can be found in the soon to distributed update to "Who Does What", Part III of the Signature Authorization and Account/Project Number Desk Reference for the department.

Funding levels for FY 2005 are still uncertain and the Continuing Resolution under which we are now operating expires on November 20. It is anticipated that the Energy and Water Development Appropriations Bill will be put under another short-term continuing resolution running sometime through January or February 2005.

We are, however, still proceeding with RHIC Operations as planned keeping in mind that our robust experimental program for FY 2005 is dependent on the anticipated increase in this year's funding. For the time being, we will need to exercise continued restraint in spending.

*Stephanie LaMontagne-McKeon*



## **SNS**

Jie Wei and other members of the BNL/SNS Project team just returned from a three-day DOE Review that was conducted in the new Central Laboratory and Office building (CLO) at the SNS construction site located in Oak Ridge, Tennessee. During the review, talks were presented by Jie Wei (BNL/SNS Overview), Deepak Raparia (Physics), Tom Russo (Diagnostics) and myself (Remaining Deliverables). During his closeout summary, Rod Gerig, Chairman of the Ring sub-committee, stated: "Brookhaven National Laboratory will complete their work by March 31, 2005. At that time all components associated with WBS 1.5 will be delivered. At this point there are no technical concerns associated with completing this work. The committee compliments BNL on the high quality of the components that they have designed and delivered to the SMS project." Rod went on to say: "There has also been significant progress in the RTBT to Target interface. SNS and BNL personnel have collaborated on engineering designs and prototype assemblies." Regarding BNL diagnostics, Rod stated: "Earlier problems with diagnostic systems have been resolved. The three major systems needed for CD-4 (Beam Current Monitors, Beam Loss Monitors and Beam Position Monitors) have been tested with linac beam here at SNS. All equipment needed for CD-4 commissioning has been delivered to either BNL

or SNS.”

So, on behalf of Jie Wei and the rest of the BSL/SNS Project, I would like to extend our congratulations and say “thank you” for all your hard work and efforts that have been instrumental to the open, public recognition that BNL has continuously received from all the SNS review committees during the past five years. Your capabilities, experience, team spirit and professionalism are known and recognized throughout the SNS partner lab collaboration. Congratulations to you all on another job well done!

Other news:

Production of all 14 extraction kicker pulse-forming networks (PFN) have been completed at our vendor, APS. Both BNL and ORNL power supply group members witnessed the acceptance testing of the last unit.

The extraction kicker assembly containing three magnet ferrite modules was successfully tested at full power with a voltage of 35 KV at a repetition rate of 60 Hz. (The TiN-coated module was tested together with two uncoated modules for comparison.)

*Bill McGahern*



**Safety**

## *C-AD Occupational Injury Statistics*

|                         | <b>For Year 2003</b> | <b>Jan – Oct</b> |
|-------------------------|----------------------|------------------|
| <b>2004</b>             |                      |                  |
| <b>First Aid Cases</b>  | <b>12</b>            | <b>4</b>         |
| <b>Recordable Cases</b> | <b>5</b>             |                  |
| <b>10</b>               |                      |                  |
| <b>Lost Work Cases</b>  | <b>2</b>             | <b>3</b>         |

*PeteCirnigliaro*



## Arrivals

|              |   |
|--------------|---|
| Yatming Than | Yatming is a Project Engineer working in Bldg. 1005S. |
|              |   |

## Welcome

## Departures

|                      |  |
|----------------------|--|
| Edward Bajon         | Ed is a co-op engineer assigned to the Preinjectors Group and will be leaving 12/17. |
| David Graham         | Dave worked with the Linac Group and left on 11/12.                                  |
| Joseph Sullivan      | Joe worked with the Vacuum Systems Group and left on 11/12.                          |
| Rogelio Tomas-Garcia | Rogelio works in the Accelerator Physics Collider Group and will be leaving 12/17.   |

**We wish you all well!!**

## Transfers

|                 |  |
|-----------------|--|
| Charles Spataro | Comes to us from the Magnet Division and will be working with Peter Ingrassia in the Main Control Room effective 12/1. |
|                 |  |







**ALUMNI NEWS: AGS/RHIC/C-AD RETIRED CROWD -We'd enjoy hearing from you and what you're up to! Send your notes to [pmanning@bnl.gov](mailto:pmanning@bnl.gov)**

**You can catch up on all of Eric Forsyth's travels by clicking on his sailing yacht below**



**NOVEMBER 2004**

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
|--------|--------|---------|-----------|----------|--------|----------|

|    |  |    |    |                   |  |   |
|----|--|----|----|-------------------|--|---|
|    | 1  | 2  | 3  | 4                 | 5<br>C-AD Seminar A. Luccio/ W. Fischer Reports from Bensheim, 4pm 911A Snyder | 6   |
| 7  | 8  | 9  | 10 | 11<br>Lab Holiday | 12   | 13  |
| 14 | 15<br>Time Cards Due   | 16 | 17 | 18                | 19<br>RHIC II Science Workshops First Meeting                                  | 20<br>RHIC II Science Workshops First Meeting |
| 21 | 22   | 23 | 24 | 25<br>Lab Holiday | 26<br>Lab Holiday  | 27  |
| 28 | 29<br>C-AD Seminar E. McCrory FNAL Upgrade and Performance 2pm 911B, LCR | 30 |    |                   |  |   |
|    |  |    |    |                   |  |   |



## DECEMBER 2004

| Sunday | Monday               | Tuesday | Wednesday | Thursday                        | Friday   | Saturday |
|--------|----------------------|---------|-----------|---------------------------------|--|----------|
|        |                      |         | 1         | 2                               | 3<br>All-Hands Meeting - Safety, 10:30am Snyder Sem. | 4        |
| 5      | 6                    | 7       | 8         | 9                               | 10   | 11       |
| 12     | 13<br>Time Cards Due | 14      | 15        | 16<br>Holiday Party 3pm Berkner | 17   | 18       |
| 19     | 20                   | 21      | 22        | 23<br>1/2 Lab Holiday           | 24<br>Lab Holiday                                    | 25       |
| 26     | 27                   | 28      | 29        | 30                              | 31   |          |
|        |                      |         |           |                                 |  |          |

