

**BNL 90/50/10 Celebration
Program Committee**

Derek Lowenstein, *Chair*

Peter Bond, *BNL*

Helen Caines, *Yale*

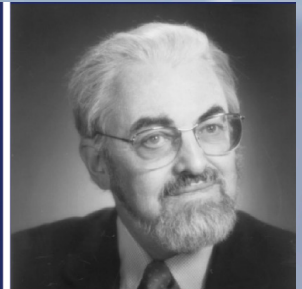
Satoshi Ozaki, *BNL*

Nicholas Samios, *BNL*

Julius Spiro, *BNL*

Steve Vigdor, *BNL*

90
Courant
(Birthday)



50
AGS
(Operations)



10
RHIC
(Operations)



90/50/10 Celebration

June 10-11, 2010

Berkner Hall

Brookhaven National Laboratory

Thursday, June 10, 2010

1:00 p.m. **Welcome**
Sam Aronson, BNL

Nicholas Samios, Session Chair

1:10 p.m. **Ronnie Rau, BNL**
“AGS History”

1:35 p.m. **Samuel C.C. Ting, MIT**
“Precision Experiments on the Ground and in Space – The “J” Experiment at BNL and the AMS Experiment on the Space Station”

2:00 p.m. **James Cronin, University of Chicago**
“Reminiscences of a Post Doc”

2:30 p.m. **Douglas Bryman, TRIUMF**
“Seeking New Physics with Rare Kaon Decays”

3:00 p.m. **Break**

Peter Bond, Session Chair

3:25 p.m. **Konstantin Goulianos, Rockefeller University**
“Two Neutrino Experiment”

3:55 p.m. **Paul Langacker, Institute for Advanced Study**
“Frontiers in Neutrino Physics”

4:25 p.m. **David Kaplan, University of Washington**
“Frontiers in Nuclear Theory”

5:00 p.m. **Sally Dawson, BNL**
“Frontiers in Particle Physics”

5:35 p.m. **Ernest Courant, BNL**
“Reminiscences”

5:55 p.m. **Mark Barton, BNL**
“Reminiscences of Ernest Courant, and the Start up of the AGS and RHIC”

6:15 p.m. **Wine & Cheese Reception, Building 400 Lobby**

Friday, June 11, 2010

Satoshi Ozaki, Session Chair

9:00 a.m. **Nicholas Samios, BNL**
“The Road to RHIC”

9:25 a.m. **Tom Ludlam, BNL**
“How the RHIC Experiments Came to Be”

9:45 a.m. **Tom Hemmick, SBU**
“Sailing the Perfect Liquid: Highlights and Discoveries of the Four RHIC Experiments”

10:15 a.m. **Break**

10:45 a.m. **Raju Venugopalan, BNL**
“Lessons in Extreme Quantum Chromo Dynamics from RHIC”

11:20 a.m. **Frithjof Karsch, BNL**
“30 Years of QCD Thermodynamics on the Lattice”

11:45 a.m. **Jamie Nagle, University of Colorado at Boulder**
“The Science of RHIC II: Today and Tomorrow”

12:15 p.m. **Program Break**

Derek Lowenstein, Session Chair

2:00 p.m. **Robert Jaffe, MIT**
“The Long Search for the Spin of the Proton”

2:35 p.m. **Gerry Bunce, BNL**
“SPIN”

3:10 p.m. **Thomas Roser, BNL**
“The Future of RHIC”

3:45 p.m. **Elke Aschenauer, BNL**
“The Structure of Matter, What the Electron Ion Collider Will Teach Us”

4:20 p.m. **Steve Vigdor, BNL**
“BNL NP/HEP Plan”

5:00 p.m. **Adjourn**