

# Beam Ex 2003

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- # Goals/boundaries of Beam Ex
  - # Retreat conclusions
  - # Draft organization (subjects, coordinators,..)
  - # Experiment (written) proposals
  - # Summer schedule
  - # September 26-27 mini-workshop
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# Beam Ex: goals/boundaries

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- # Luminosity increase, upgrade (RHIC-II)
  - # Long(er) term RHIC development
  - # Inter-lab collaborations (common goals, exploit synergies, etc.)
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# Retreat 2002

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## **Monday**

### **Scheduling Meeting (decision)**

scheduling physicist (1)

experiment liaisons (5)

run coordinator (1)

beam experiments (1)

Roser, Pile (+ Kirk, Lowenstein if necessary)

## **Tuesday**

### **Time Meeting (broadcast)**

## **Wednesday**

### **Experiment Meeting**

## **Daily**

### **9 o'clock meeting**

during set-up and ramp-up only

handle 'emergency' situations

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# Likely running scenario

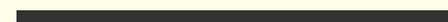
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For each mode (d-Au, PP ?), assuming 2 modes over the run:

Set-up      2 weeks

Ramp-up    3 weeks      (parasitic)

Running    7 weeks      (dedicated)



# Beam Ex Program 2003

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AC dipole

Beam-beam

Chromaticity experiments

Collimation

Flat-top studies

Pressure rise

Stochastic cooling

Transition studies ( $\alpha-1$ )

Transverse instabilities

M. Bai

W. Fischer

S. Tepikian

A. Drees

V. Ptitsyn

S.Y.Zhang

M. Blaskiewicz

C. Montag

M. Blaskiewicz

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# Beam Ex proposals

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## Written proposals for experiments

- # Experiment goal and feasibility
- # Measurement description (specify instrumentation, applications, MCR resources, time needed etc.)
- # Plan for data analysis
- # Output

## Selection and prioritization

Example CERN → formal committee

RHIC 2003 → collect proposals

use September workshop to prioritize program

use Friday meetings to update

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# “Summer Fridays” schedule

- # July 19                    AC dipole (M.Bai)
- # July 26                    Instabilities (M.Blaskiewicz)
- # Aug 2                     Flattop (V.Ptitsyn)
- # Aug 9                    (OFF)
- # Aug 16                   Beam-beam (W.Fischer) Collimation(A.Drees)
- # Aug 23                   Pressure rise (S.Y.Zhang)
- # Aug 30                   Stochastic (M.Blaskiewicz) Alpha1 (C.Montag)
- # Sep 6                    Chromaticity experiments (S.Tepikian)
- # Sep 13                   (Spin 2002)
- # Sep 20                   (Shelter Island)
- # **Sep 26-27**               **Beam Experiments Mini-Workshop**

# Beam Ex Workshop

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- # September 26-27 @BNL
  - # Participation: RHIC, AGS, RHIC experiment representative, selected outside collaborators
  - # First announcement August 15
  - # 1 ½ days → review BeamEx proposals/program
  - # ½ day → diagnostics (PLL CERN contingent at BNL)
  - # Discussion spin-offs from Shelter Island
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