

~~AAG~~ 2000

9th Workshop on Advanced Accelerator Concepts

Santa Fe, New Mexico

June 10-16, 2000

TENTATIVE AGENDA

Saturday – June 10th

5:00 – 9:00 Registration/Check-in

Sunday – June 11th

8:15 – 8:30 Announcements and Welcome

8:30 – 9:30 Keynote address – Who Needs Complexity?

George Cohen,
Founder Santa Fe
Institute

9:30 – 10:15 Beam Physics at the Frontier of Space, Time, Matter and Energy
Scales

Swapan Chattopadhyay

10:15 – 10:45 Break

10:45 – 11:15 On the Possibility of Plasma Wakefield Afterburners for a
100+100 GeV Collider

Tom Katsouleas

11:15 – 12:00 Electron Beam-Driven Plasma and Structure-Based Acceleration
Concepts

Jamie Rosenzweig

12:00 – 1:30 Lunch

1:30 – 2:15 Millimeter Wave Sources

Bruce Danly

2:15 – 3:00 Electromagnetic Structure Based Acceleration Concepts

Levi Schachter

3:00 – 3:30 University of Maryland Electron Ring

Patrick O'Shea

3:30 – 4:00 Break

4:00 – 5:30 Organize Working Group Sessions

6:00 Dinner Reception at the Museum of Indian Arts & Culture
Bus transportation to the Hilton of Santa Fe

8:00

Monday –

June 12th

8:15 – 8:30 Announcements

8:30 – 9:15 Laser- Plasma Based Acceleration Concepts

Chan Joshi

9:15 – 9:45 TBA

9:45 – 10:15 Introduction to the Theory of Laser – Plasma Interactions

John Dawson

10:15 – 10:45 Break

10:45 – 11:15 All Optical Injection

Don Umstadter

11:15 – 11:45 Summary of Advances in Laser Technology

Margaret Murnane

11:45 – 12:15 Simulation Algorithms for the Laser-Plasma Interactions
Including Fluid and PIC Techniques

Tom Antonsen

- 12:15 – 1:30** Lunch
- 1:30 – 3:30** **WORKING GROUP SESSIONS**
- 3:30 – 4:00** Break
- 4:00 – 5:30** **WORKING GROUP SESSIONS**
- 6:00** Reception at the Contemporary Southwest Gallery
- 7:30 - 9:00** Scientific and Organizing Committee Dinner (by invitation)

Tuesday –
June 13th

- 8:15 – 8:30** Announcements
- 8:30 – 9:15** Exotic Acceleration Schemes Gennady Shvets
- 9:15 – 9:45** Summary of Japanese Advanced Accelerator Work Mitsuru Uesaka
- 9:45 – 10:00** Plasma Focusing of High Energy Density Electron and Positron Beams Pisin Chen
- 10:00 – 10:30** Break
- 10:30 – 12:00** **WORKING GROUP SESSIONS**
- 12:00** Tour to Taos (sign-up at registration desk)

Wednesday – June 14th

- 8:15 – 8:30** Announcements
- 8:30 – 9:15** High-Brightness Electron Beam Production, Transport, and Measurement Bruce Carlsten
- 9:15 – 10:15** **WORKING GROUP SESSIONS**
- 10:15 – 10:45** Break
- 10:45 – 12:00** **WORKING GROUP SESSION**
- 12:00 – 1:30** Lunch
- 1:30 – 3:30** **WORKING GROUP SESSIONS**
- 3:30 – 4:00** Break
- 4:00 – 5:30** **WORKING GROUP SESSIONS**
- 6:00** Banquet at the Bishop's Lodge
- 9:00** Bus Transportation to the Hilton of Santa Fe

Thursday –
June 15th

- 8:15 – 8:30** Announcements
- 8:30 – 9:00** Orion Workshop -- Bob Siemann
- 9:00 – 10:30** **WORKING GROUP SESSIONS**
- 10:30 – 11:00** Break
- 11:00 – 12:00** **WORKING GROUP SESSIONS**
- 12:00 – 1:30** Lunch
- 1:30 – 3:30** **WORKING GROUP SESSIONS**
- 3:30 – 4:00** Break
- 4:00 – 5:30** **WORKING GROUP SESSIONS**

Friday –
June 16th

8:15 – 8:30 Announcements
8:30 – 10:30 Wrap – Up -- Working Group Summaries
10:30 – 11:00 Break
11:00 – 12:00 Wrap – Up -- Working Group Summaries
12:00 Adjourn