

AGENDA
Advanced Accelerator Concepts Workshop
June 22-28, 2002
Mandalay Beach Resort, Oxnard, CA

SATURDAY, June 22, 2002 (Mandalay C)

6:00 -9:00 PM Registration/Hors D'Oeuvres Reception
(Foyer and Mandalay C Room)

SUNDAY, June 23, 2002 (Embassy 1 & 2)

8:30 AM Welcome

8:40-9:30 AM **Ron Davidson** Opening Plenary Talk:
Physics of Charged Particle Beams with Intense Half Fields

John Dawson Memorial Session (AM Session)

9:45-10:00 AM **Remarks by Tom Katsouleas**

10:00-10:40 AM **Mark Hogan** Acceleration and Focusing of Electrons

10:40-11:00 AM BREAK

11:00-11:40 AM **Phil Sprangle** Phased Injection, Guiding and Staging of a
Laser-Plasma Acceleration

11:40-12:20 AM **Warren Mori** Advances in Computer Simulations of Plasma-Based Accelerators

12:30-2:00 PM LUNCH (Cabana patio--pool area)

2:00-2:40 PM **Andy Mackinnon** Energetic Ion Emission from Solid Targets Irradiated
by Laser Pulses

2:40-3:20 PM **Jay Hirshfield** Recent Advances in mm-Wave Sources

3:20-3:40 PM BREAK

3:40-4:20 PM **Vitaly Yakimenko** Recent Advances in Electron Beam Sources
and their Diagnostics

4:20-5:00 PM **Eric Colby** EM Structure Based and Vacuum Acceleration

5:00-5:30 PM WORKING GROUP ORGANIZATION

5:30 PM **Happy Hour: Surf Room**

5:45-7:00 PM **Soccer Game** (sign up at registration desk or AAC office in Costa de Oro Room)

MONDAY, June 24, 2002 (Embassy 1 & 2)

- 8:30 AM Announcements
- 8:40-9:10 AM **Arie Zigler** Ablative and Discharge Capillaries for Plasma Acceleration Research
- 9:10-9:25AM **Sven Fritzler** 200 MeV Energy Gain in Self-Modulated Laser Wakefield Accelerator
- 9:25-9:40AM **Caolionn O'Connell** Dynamic Focusing of the SLAC Electron Beam by a Plasma Column
- 9:40-10:00 AM BREAK
- 10:00-12:30 PM **WORKING GROUP SESSIONS**
- 12:30-2:00 PM LUNCH BREAK (cabana patio - pool area)
- 2:00-3:20 PM **WORKING GROUP SESSIONS**
- 3:20-3:40 PM BREAK
- 3:40-5:30 PM **WORKING GROUP SESSIONS**
- 5:30 PM **Happy Hour: Surf Room**
- 7:30 PM Organizing Committee Dinner (Mandalay B Room)

TUESDAY, June 25, 2002 (Embassy 1 & 2)

- 8:30 AM Announcements
- 8:40-9:10 AM **Manoel Conde** Wakefield Acceleration in Structures
- 9:10-9:40 AM **Nikolai Barov** Plasma-Wakefield Acceleration Experiments
- 9:40-10:00 AM BREAK
- 10:00-12:30 PM **WORKING GROUP SESSIONS**
- 12:30-2:00 PM LUNCH (cabana patio - pool area)
- 2:00-3:20 PM **WORKING GROUP SESSIONS**
- 3:20-3:40 PM BREAK
- 3:40-5:30 PM **WORKING GROUP SESSIONS**
- 5:30 PM **Happy Hour: Surf Room**
- 7:00-10:00 PM **MURDER MYSTERY BANQUET (Mandalay A Room)**

WEDNESDAY, June 26, 2002 (Embassy 1 & 2)

8:30 AM Announcements

8:40-9:10 AM **Court Bohn** Coherent Synchrotron Radiation: Theory and Experiments

9:10-9:40 AM **Ralph Fiorito** Recent Advances in Beam Diagnostics Techniques

9:40-10:00 AM BREAK

10:00-11:30 PM **WORKING GROUP SESSIONS**

11:30-5:30 PM **PACKED LUNCH for BOAT EXCURSION, landing at Anacapa Island for hike (limited to 80 persons, sign up during registration or at AAC Office)**

THURSDAY, June 27, 2002 (Embassy 1 & 2)

8:30 AM Announcements

8:40-9:10 AM **Kwok Ko** Advances in Simulations of E.M. Structures

9:10-9:40 AM **Alex Friedman** Heavy Ion Fusion

9:40-10:00 AM BREAK

10:00-12:30 PM **WORKING GROUP SESSIONS**

12:30-2:00 PM LUNCH (cabana patio - pool area)

2:00-3:20 PM **WORKING GROUP SESSIONS**

3:20-3:40 PM BREAK

3:40-5:30 PM **WORKING GROUP SESSIONS**

4:30-11:30 PM **UCLA Lab Tour/No-Host dinner in Westwood Village
(Sign up at Registration Desk or AAC Office in Costa de Oro Room)**

5:30 PM **Happy Hour: Surf Room**

FRIDAY, June 28, 2002 (Embassy 1 & 2)

8:30 AM Announcements

8:40-9:40 AM **WORKING GROUP SUMMARIES**

9:40-10:00 AM BREAK

10:00-11:20 AM **WORKING GROUP SUMMARIES**

11:30 AM ADJOURN

1:30 PM **Transportation to LAX/Oxnard Airports**

Meeting Rooms for the Working Groups

The AAC 2002 office is located in the Costa de Oro room. Coffee breaks will be held in the foyer.

Note: Rooms are located on the 2nd floor unless noted otherwise.

<u>Working Group</u>		<u>Room</u>
Group 1	Computational Accelerator Physics Group Leader: Thomas Antonsen Co-Group Leader: Dan Gordon	Embassy 2
Group 2	High Energy Density Physics & Exotic Acceleration Schemes Group Leader: Thomas Cowan Co-Group Leader: Eric Colby	Harbor
Group 3	MM-Wave Sources Group Leader: Jay Hirshfield	Coral
Group 4	E-Beam Driven Accelerators Group Leader: Mark Hogan Co-Group Leader: Nick Barov	Colony
Group 5	EM-Structure Based Accelerators Group Leader: John Power Co-Group Leader: Wayne Kimura	Embassy 1
Group 6	Laser-Plasma Acceleration Group Leader: Antonio Ting Co-Group Leader: Gennady Shvets	Mandalay C (1st floor)
Group 7	Beam Generation/Monitoring & Control Group Leader: Xijie Wang Co-Group Leader: Rami Kishek	Pacifica