

**PROGRAM**  
**FOR THE SECOND WORKSHOP ON**  
**LASER ACCELERATION OF PARTICLES**

---



---

NORTON SIMON CONFERENCE FACILITY

MALIBU BEACH, CALIFORNIA

**Ucla**

**January 7-18, 1985**

# FIRST WEEK

---

## MONDAY, JANUARY 7

- 8:10 am Bus pick-up at UCLA Guest House and Claremont Hotel (continues daily)
- 8:30 am Packet Distribution, Late Payment of registration, Coffee & pastry
- 9:30 am Welcome, Workshop Chairman, Lee Teng (Fermilab)
- 10:00 am Opening speaker: B. Richter (SLAC)
- 11:00 am "Media Accelerators," C. Joshi (UCLA)
- 12:00 Lunch
- 1:00 pm "Concept and Progress on Near Field Accelerators," N. Kroll (UCSD)
- 2:00 pm "Far Field Laser Acceleration," P. Sprangle (NRL)
- 3:30-5:00 pm ORGANIZING SESSION
- 5:00 pm Bus returns to UCLA/Westwood (continues daily)

## TUESDAY, JANUARY 8

- 9:00-10:00 am Accelerator Tutorial, P. Wilson (SLAC)
- 10:15-11:15 am "Work at UCLA on the Beat Wave Accelerator," T. Katsouleas (UCLA)
- 11:30-12:30 am "Laser Accelerator Work at LANL," P. Goldstone (LANL)
- 2:00-3:00 pm "Inverse Cerenkov Acceleration," J. Fontana (UCSB)
- 3:15-4:15 pm "Progress of FEL and IFEL Work at BNL," C. Pellegrini (BNL)

## WEDNESDAY, JANUARY 9

- 9:00-9:50 am Laser Tutorial, R. Byer (Stanford)
- 9:55-10:50 am "Laser Acceleration Using a 3 cm Grating," M. Pickup (Cornell)
- 11:00-2:15 am Lunch at Getty Museum
- 2:30-3:30 pm "Progress on Acceleration by Energy Transfer Between Two Beams," J. Wurtele (LBL)
- 3:45-4:45 pm "Report on the ECFA Meeting and RAL Work on Laser Acceleration," J. Lawson (RAL)
- 6:30 pm UCLA Laboratory Tour for Malibu Residents

## THURSDAY, JANUARY 10

- 9:00-10:00 am Accelerator Tutorial
- 10:15-3:15 pm Working Sessions (open)
- 3:30-4:30 pm "Laser Work at MSNW," J. Slater (MSNW)
- 6:30 pm UCLA Laboratory Tour for Westwood and Other Residents

## FRIDAY, JANUARY 11

- 9:00-10:00 am Laser Tutorial, C. Fenstermacher (LANL)
- 10:15-4:15 pm Working Sessions (open)
- 4:30-8:30 pm Hawaiian Luau Banquet

Saturday/Sunday, January 12, 13, 1985 (FREE)

# SECOND WEEK

---

## MONDAY, JANUARY 14

- 9:00-10:00 am Accelerator Tutorial
- 10:15-3:15 pm Working Session
- 3:30-4:30 pm "Super Short Pulsed CO<sub>2</sub> Laser," P. Corkum (NRC)

## TUESDAY, JANUARY 15

- 9:00-10:00 am Laser Tutorial
- 10:15-3:15 pm Working Session
- 3:30-4:30 pm Seminar (TBA)

## WEDNESDAY, JANUARY 16

- 9:00-10:00 am Accelerator Tutorial
- 10:15-3:15 pm Working Session
- 3:30-4:30 pm Seminar (TBA)

## THURSDAY, JANUARY 17

- 9:00am-5:00 pm Summary Reports of Working Groups
  - Laser Technology Issues-Singer (LANL)
  - Accelerator Technology Issues-Jameson (LANL)
  - Media Accelerator-Dawson (UCLA)
  - Near Field Accelerators-Palmer (Brookhaven)
  - Far Field Accelerators-Morton (SLAC)
  - New Schemes-Sessler (LBL)

## FRIDAY, JANUARY 18

- 9:00-10:00 am Summary of Workshop, L. Teng (Fermilab)
- 10:15-11:15 am Postscript
- 11:30 am Meeting of Group Leaders