

Interdisciplinary Instrumentation Colloquium

every 2nd Wednesday at 4:00

LBL Bldg 50 Auditorium

Colloquium web-site:

www-physics.LBL.gov/~spieler/InstrumentationColloquium

Purpose

1. Information exchange among Berkeley scientific community

- Raise awareness of what diverse groups are doing
- Find common interests/technologies
- Share concepts + experience
- Foster collaboration (where appropriate)

2. Set foundation for coordinated instrumentation proposal(s)

- Many technologies require infrastructure that goes beyond the reach of individual groups
- Interdisciplinary
- More efficient use of resources
(funding + personnel)
- However...
many hurdles – both here and at agencies

Future Colloquium topics

Bolometers and the Big Bang

ALS Science and techniques

Nano-Technology

CCDs and the Accelerating Universe

High Energy Physics and Microelectronics

How to Design an IC

SQUIDs

Electron Microscopy

Relativistic Heavy Ion Collisions and Detectors

Superfluid Gyroscopes

Femto-Chemistry

Optical Microscopy beyond the Diffraction Limit

Low-Noise Electronics

Preserving Old Audio Recordings

+ your suggestions

Coordination Team:

Peter Denes
Bill Moses
Howard Padmore
Moishe Pripstein
Helmuth Spieler (chair)
Howard Wieman

Engineering Div.
Life Sciences Div.
ALS
Physics Division
Physics Division
Nuclear Science Division

Colloquium organizers:

Helmuth Spieler
Moishe Pripstein

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Next Colloquium

Bolometers and the Big Bang

Adrian Lee (UCB + LBNL Physics)

Date: 23-Feb-2005

Time: 4:15 (special time)

Place: LBNL, Bldg. 50 Auditorium