



LIGO Science Symposium
9:00 a.m. – 4:30 p.m.
Thursday, November 11, 1999

Barry C. Barish
California Institute of Technology

Opening Comments

Session Chair: Arthur Kerman, *Massachusetts Institute of Technology*

Clifford M. Will
Department of Physics
Washington University, St. Louis

General Relativity and Gravitational Waves

Michael S. Turner
Department of Astronomy and Astrophysics
The University of Chicago

Cosmology and Gravitational Waves

BREAK

Session Chair: Bernard Schutz, *Max Planck Institute for Gravitational Physics*

John N. Bahcall
School of Natural Sciences
Institute for Advanced Study

Solar Neutrinos and LIGO: Any Parallels?

Kip S. Thorne
California Institute of Technology

Gravitational Waves: Sources and Signals

LUNCH

Session Chair: Yoshihide Kozai, *National Astronomical Observatory, Tokyo*

Peter R. Saulson
Department of Physics
Syracuse University

Suspended Mass Interferometry

Stan Whitcomb
California Institute of Technology

LIGO

Adalberto Giazotto
Istituto Nazionale di Fisica Nucleare
Sezione di Pisa

VIRGO/GEO/TAMA

BREAK

Session Chair: Joseph Dehmer, *National Science Foundation*

Albert Lazzarini
California Institute of Technology

Detection of Gravitational Waves with LIGO/VIRGO

David G. Blair
Department of Physics
The University of Western Australia

Resonant Bars

Karsten Danzmann
Institut fuer Atom und Molekuelphysik
Universitaet Hannover

Gravitational Waves in Space

TOURS

