SCHEDULE OF SPEAKERS FOR THE EIGHTH PACIFIC COAST GRAVITY MEETING

Saltair Room
A. Ray Olpin Union Building
University of Utah
6-7 March 1992

FRIDAY MORNING

8:30am Registration

8:45am Introductory Remarks: Karel Kuchař

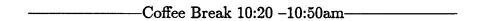
9:00am First Session Session Chair: Peter Bender

9:00am **Greg Smith**, University of Washington, Probing the Eot-Wash Rotating Pendulum Data for a Sun-Based Signal

9:20am Y. Su, University of Washington, "A New Test of the Weak Equivalence Principle"

9:40am Jens Gundlach, University of Washington, "A New Rotating Source Torsion Balance Experiment"

10:00am Dieter Hils, Joint Institute for Laboratory Astrophysics Boulder, Colorado, "Event Rates for Inspiral of Compact Objects to Supermassive Black Holes in AGN's"



10:50am Second Session Session Chair: Lee Lindblom

10:50am Gabriela González, Syracuse University, "Thermal Noise in Suspensions for Test Masses in Interferometers"

11:10am Kip Thorne, CalTech, "LIGO: An Update"

11:30am Curt Cutler, CalTech, "The Last Three Minutes: A Program of LIGO Research on Coalescing Binaries"

11:50 noor	n – 2:00pm	Lunch———
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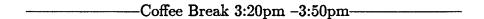
FRIDAY AFTERNOON 2:00pm Third Session Session Chair: James Ipser

2:00pm Lee Lindblom, Montana State University, "Inverting the Oppenheimer-Volkoff Map"

2:20pm Eric Poisson, CalTech "Mass Inflation Inside Black Holes"

2:40pm Greg Burnett, University of Utah, "Linear-order Stability of the Gravitational Plane Wave Horizon"

3:00pm Eanna Flanagan, CalTech, Trapped surfaces in nonspherical initial data sets and the Hoop Conjecture



3:50pm Fourth Session Session Chair: Kip Thorne

3:50pm James Ipser, University of Florida, "Phase Space Structure of Dark Galactic Halos"

4:00pm Patricio Letelier, Tours University, "On the Interaction of Gravitational Waves with Cosmic Strings"

4:20pm Richard Price, University of Utah, "Escape of Gravitational Waves from a Massive Galaxy"

SATURDAY MORNING 9:00am Fifth Session Session Chair: James Hartle

9:00am Tevian Dray, Oregon State University, "The Wave Equation in the Presence of Topology and Signature Change"

9:20am **Jim Isenberg**, University of Oregon, "NonConstant Mean Curvature Initial Data for Einstein's Equations"

9:40am Charles Torre, Utah State University, "Is General Relativity an 'Already Parametrized Theory"'

10:00am Viqar Husain, ICTP, "2+1 Gravity without Dynamics"

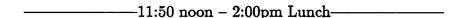
Coffee	Break	10:20	-10:50am	

Sixth Session Session Chair: Jim Isenberg

710:50am Gary Horowitz, UC Santa Barbara, "Singularities in String Theory"

11:10am Jim Wheeler, Utah State University, "Finitely generated extended Weyl algebras"

11:30am Corinne Manogue, Oregon State University, "Lorentz Transformations and Division Algebras"



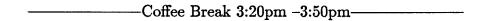
SATURDAY AFTERNOON 2:00pm Seventh Session Session Chair: Gary Horowitz

2:00pm Scott B. Anderson, Logicon, Inc., "A New Approach to Quantum Gravity Using Path Integration"

2:20pm Steve Giddings, UC Santa Barbara, "Black Hole Evaporation in 2 Dimensions"

2:40pm Petr Hájiček, Institute for Theoretical Physics, Bern, "Quantum Mechanics of Gravitational Collapse"

3:00pm Gunnar Klinkhammer, Caltech, "Vacuum polarization of supersymmetric fields in wormhole spacetimes with closed timelike curves"



3:40pm Eighth Session Session Chair: Petr Hájiček

3:50pm James Hartle, UC Santa Barbara, "Unitarity and Causality in Generalized Quantum Mechanics for Wormhole Spacetime"

4:10pm Jorge Pullin, University of Utah, "The Jones Polynomial in Quantum Gravity"

4:30pm Arley Anderson, McGill University, "Canonical Transformation in Quantum Theory and the Global Problem of Time"

4:50pm Karel Kuchař, University of Utah, "Dust as a Standard of Space and Time in Canonical Quantum Gravity"