Participants and talks for the 22nd PCGM

NAME	INSTITUTION	TALK TITLE	STUDENT
Silvestre Aguilar	California State Univ., Fresno	Fermion generations, masses, and mixings from a 6D brane world model	Yes
Paritosh Ambekar	Stanford Univ.	Test-bed developement for satellite test of equivalence principle	Yes
James Barbieri	Naval Air Warfare Center		No
James Bardeen	University of Washington		No
Andrew Beckwith	APS	How soliton-anti soliton di quark pairs signify an Einstein constant dominated cosmology, and lead to new inflationary cosmology physics	No
Don Black	Univ. of California at Irvine		Yes
Michael Boyle	Caltech		Yes
Jennifer Bower	Stanford Univ.	Using SQUID technology to test the equivalence principle in space	Yes
Jeandrew Brink	Caltech		No
Duncan Brown	Caltech		No
Luisa Buchman	Jet Propulsion Laboratory	Numerical test of Friedrich-Nagy boundary conditions	No
Steven Carlip	Univ. of California at Davis	Horizon constraints and stringy black holes	No
George Chapline	Lawrence Livermore National Laboratory	2-phase model for flat space-time	No
Shourov Chatterji	Caltech	Searching for gravitational-wave bursts with LIGO	No
Walter Christensen	Cal State Fullerton	Thermodynamic behavior of a perfect fluid with negative energy density	Yes
Adam Clausen	University of Oregon	AVTD behaviour in T^2 symmetric spacetimes with cosmological constant	Yes
Michael Cohen	Caltech	Finding event horizons in the spectral Einstein code	Yes
Fred Cooperstock	Univ. of Victoria	Galactic dynamics via General Relativity: Does exotic dark matter really exist?	No
Keith Copsey	Univ. of California at Santa Barbara	Dipole charges and the first law of black hole thermodynamics	Yes
Teviet Creighton	Jet Propulsion Laboratory	Detecting black holes in globular clusters using pulsar timing	No
Jeff Crowder	Montana State Univ.	Recent advancements for gravitational wave astronomy with the LISA data	Yes
Phillip Dennis	Intelligent Systems Research, Inc.		No
James Dent	Texas A&M Univ.	Cosmology with shape moduli	No
Oscar Dias	Perimeter Institute	Gregory-Laflamme and Rayleigh-Plateau instabilities	No
Steve Drasco	Jet Propulsion Laboratory		No
Martin Einhorn	Univ. of California at Santa Barbarta		No
Henriette Elvang	MIT	A connection between 4d and 5d black holes	No
Hua Fang	Caltech	"Kludge" gravitational waveforms	Yes
Diego Fazi	Caltech		Yes
Franklin Felber	Starmark, Inc.	`Antigravity' Fields in General Relativity	No
Tehani Finch	Howard University		Yes
Scott Fraser	Univ. of California at Santa Barbarta	The first law of black holes in Randall-Sundrum braneworlds	Yes
Simonetta Frittelli	Duquesne Univ.	Well-posed ADM equivalent of the Bondi-Sachs problem	No
Valeri Frolov	Univ. of Alberta	Topology change transitions in brane-black-hole systems: Criticality, scaling and self-similarity	No
David Garfinkle	Oakland Univ.	Numerical simulations of singularities	No
Steven Giddings	Univ. of California at Santa Barbarta	Observables in effective gravity	No
Merab Gogberashvili	Andronikashvili Institute of Physics	Dark matter in shell-universe model	No

Lisa Goggin	Caltech	Search for quasi-normal ringdown signals in LIGO S4 data	Yes
Dan Gorbonos	The Hebrew Univ.		Yes
Eduardo Guendelman	Ben Gurion Univ.	Neutrino dark energy in the two measures theory	No
Jim Hartle	Univ. of California at Santa Barbarta		No
Eric Hirschmann	Brigham Young Univ.	Relativistic MHD and excision	No
Gary Horowitz	Univ. of California at Santa Barbara		No
Jim Isenberg	Univ. of Oregon	Stability of D-branes	No
Akihiro Ishibashi	Univ. of Chicago		No
David Kastor	Univ. of Massachusetts		No
Poghos Kazarian	Glendale Community College		No
Derrick Kiley	Univ. of California at Davis	Exact black holes and gravitational shockwaves on codimension-2 branes	Yes
Chao Li	Caltech TAPIR		Yes
Lee Lindblom	Caltech	Constraint preserving boundary conditions for the GH system	No
Geoffrey Lovelace	Caltech	The scaling of LIGO's thermal coating noise with beam shape	Yes
Ilya Mandel	Caltech	Bumpy black holes: Searching for the smoking gun	Yes
Don Marolf	Univ. of California at Santa Barbara		No
Keith Matthews	Caltech		Yes
Pawel Mazur	Univ. of South Carolina	Gravitation as a quantum many body problem	No
Mark Miller	Jet Propulsion Laboratory	Is the circular orbit assumption good enough for detecting signals with LIGO?	No
Yasushi Mino	Caltech	Gauge ambiguity in the gravitational radiation reaction problem	No
Aleksey Mints	Univ. of California at Berkeley	Holography and entropy bounds in the plane wave matrix model	Yes
Michael Moore	Brigham Young University		Yes
Gerardo Munoz	California State Univ., Fresno		No
Robert Myers	Perimeter Institute	Black rings, boosted strings and Gregory-Laflamme	No
Robert Owen	Caltech	Constraint damping in the KST evolution systems	Yes
Ivana Pavic	California State Univ., Fresno		Yes
Harald Pfeiffer	Caltech	Non-uniqueness in the Einstein constraints explained	No
Edward Porter	Montana State Univ.	A method for detecting the inspiral of supermassive black holes with LISA	No
Patricia Purdue	Colorado College	LISA and solar system debris	No
Etienne Racine	Caltech	Tidal interactions in accreting binary white dwarfs	No
Oliver Rinne	Caltech	Curing the rotational instability in the GH system	No
Simon Ross	Univ. of Durham		No
Jack Sarfatti	ISEP	Einstein's GR emergent from the Planck Higgs field	No
Pavlin Savov	Caltech	Parametric instability in Advanced LIGO	Yes
Kenneth Saunders			No
Mark Scheel	Caltech	Numerical relativity using Generalized Harmonic Coordinates	No
Douglas Singleton	California State Univ., Fresno	On avoiding cosmological oscillating behavior for S-brane solutions with diagonal metrics	No
David Snead	Saguarosoft		No
George Soli	Integrated Detector Systems	More sidereal dilaton and laboratory dark energy measurements	No
Leo Stein	Caltech		Yes
Noel Sturm-Black	CSU - Dominguez Hills		No
Sherry Suyu	Caltech	Regularized source inversion in gravitational lensing	Yes
Kip Thorne	Caltech	Mirror shape accuracies and light scattering noise in Advanced LIGO	No
Jennie Traschen	Univ. of Massachusetts		No
Michele Vallisneri	Jet Propulsion Laboratory	Planning for the future of LISA data analysis	No

Ruslan Vaulin	Florida Atlantic Univ.	Classical and quantum gravity from the trace anomaly	Yes
Amitabh Virmani	Univ. of California at Santa Barbara	A black hole instability in 5 dimensions?	Yes

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If you have any questions, contact *David Mateos*.
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Schedule for the 22nd PCGM

All talks will be 10 minutes long, plus 2 minutes for questions.

	FRIDAY	SATURDAY
8:50 - 9:00	*Welcome*	*Welcome*
Chair	***Simon Ross***	***Robert Myers***
9:00 - 9:12	Robert Myers	Shourov Chatterji
9:12 - 9:24	Amitabh Virmani	Lisa Goggin
9:24 - 9:36	Henriette Elvang	Hua Fang
9:36 - 9:48	Keith Copsey	Ilya Mandel
9:48 - 10:00	Scott Fraser	Kip Thorne
10:00 - 10:12	Steven Giddings	Geoffrey Lovelace
10:12 - 10:24	Oscar Dias	Pavlin Savov
10:24 - 10:54	COFFEE BREAK	COFFEE BREAK
Chair	***Jim Hartle***	***Don Marolf***
10:54 - 11:06	Teviet Creighton	Edward Porter
11:06 - 11:18	Yasushi Mino	Patricia Purdue
11:18 - 11:30	Fred Cooperstock	Jeff Crowder
11:30 - 11:42	Etienne Racine	David Garfinkle
11:42 - 11:54	Sherry Suyu	Luisa Buchman
11:54 - 12:06	Franklin Felber	Harald Pfeiffer
12:06 - 12:18	Merab Gogberashvili	Robert Owen
12:18 - 14:00	LUNCH BREAK	LUNCH BREAK
Chair	***David Kastor***	***Gary Horowitz***
14:00 - 14:12	Mark Scheel	Steven Carlip
14:12 - 14:24	Lee Lindblom	Silvestre Aguilar
14:24 - 14:36	Oliver Rinne	Douglas Singleton
14:36 - 14:48	Eric Hirschmann	Aleksey Mints
14:48 - 15:00	Michael Cohen	James Dent
15:00 - 15:12	Jennifer Bower	Derrick Kiley
15:12 - 15:24	Paritosh Ambekar	Andrew Beckwith
15:24 - 15:54	COFFEE BREAK	COFFEE BREAK
Chair	***David Garfinkle***	***Jim Isenberg***
15:54 - 16:06	Jim Isenberg	Michele Vallisneri
16:06 - 16:18	Adam Clausen	Mark Miller
16:18 - 16:30	Simonetta Frittelli	Valeri Frolov
16:30 - 16:42	George Chapline	Eduardo Guendelman
16:42 - 16:54	Pawel Mazur	George Soli
16:54 - 17:06	Ruslan Vaulin	Jack Sarfatti
17:06 - 17:18	Walter Christensen	

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