

Program for the 32nd Annual Pacific Coast Gravity Meeting

Friday, April 1		(* = student speaker)		
Session	Time	Speaker	Affiliation	Title
<i>8:00 AM</i>				<i>Welcome and coffee</i>
I	9:00 AM	Jim Isenberg	University of Oregon	What We Know and Don't Know about the Conformal Method for Solving the Einstein Constraint Equations
	9:18 AM	Maria J. Rodriguez	Utah State University	Exact Solutions for Extreme Black Hole Magnetospheres
	9:36 AM	Eugene Kur*	University of California, Berkeley	Stress-Energy Tensor in Einstein-Cartan Theory
	9:54 AM	Masha Okounkova*	California Institute of Technology	Numerical Tests of Cosmic Censorship
	10:12 AM	Franklin Felber	Starmark, Inc.	Exact solutions of Einstein's equation for a homogeneous universe with discrete masses
<i>10:30 AM</i>				<i>Coffee break</i>
II	11:00 AM	Gabriele Vajente	California Institute of Technology	Gravitational waves from the coalescence of two black holes
	11:40 AM	Patricia Schmidt	California Institute of Technology	GW150914: A coalescence scene investigation
<i>12:20 PM</i>				<i>Lunch</i>
III	2:00 PM	Marek Szczepanczyk*	LIGO, Embry-Riddle Aeronautical University	Gravitational Wave Science with Core-Collapse Supernova
	2:18 PM	Nicholas Demos*	California State University, Fullerton	Modeling Thermal Noise from Crystalline Coatings for Gravitational-Wave Detectors
	2:36 PM	Rhondale Tso*	California Institute of Technology	Gravitational Wave Dispersion and Propagation to Test GR
	2:54 PM	Hyun Lim*	Brigham Young University	A Wavelet Approach to Binary Blackhole Mergers with Asynchronous Multitasking
<i>3:12 PM</i>				<i>Coffee break</i>
IV	3:45 PM	Matthew Giesler*	California Institute of Technology	Nearly extremal binary black hole simulations
	4:03 PM	John Derby*	California State University, Fullerton	Testing the Spin Limit for Merging Black Holes
	4:21 PM	Alyssa Garcia*	California State University, Fullerton	Comparing Numerical Waveforms for Gravitational-Wave Astronomy
	4:39 PM	Jonathan Blackman*	California Institute of Technology	Surrogate Models of Precessing Numerical Relativity Gravitational Waveforms for Parameter Estimation
	4:57 PM	Hector Calderon	None	Singularities in Godel's Universe
Special public lecture	7:30 PM	Jameson Rollins	California Institute of Technology	The Dawn of Gravitational Wave Astronomy

Program for the 32nd Annual Pacific Coast Gravity Meeting

Saturday, April 2		(* = student speaker)		
Session	Time	Speaker	Affiliation	Title
8:00 AM		<i>Welcome and coffee</i>		
V	9:00 AM	Zachary Mark*	California Institute of Technology	Modeling Quasinormal Mode Excitation
	9:18 AM	Oscar Varela	Max Planck Institute for Gravitational Physics and Utah State University	Quasinormal ringing on the brane
	9:36 AM	Shouhong Wang	Indiana University	Law of Gravity, Dark Matter and Dark Energy
	9:54 AM	Quentin Bailey	Embry-Riddle Aeronautical University	Gravitational tests of spacetime symmetries
	10:12 AM	Yu Asato*	University of California, Davis	Singularities and Black Holes in Causal Sets
10:30 AM		<i>Coffee break</i>		
VI	11:00 AM	Ainur Urazalina*	California State University, Fresno	Wormhole solutions with two phantom scalar fields in GR
	11:18 AM	Luke Johns*	University of California, San Diego	Lepton asymmetries in the early universe
	11:36 AM	Lauren Gilbert*	California Institute of Technology	Resonant Production of Sterile Neutrinos in the Early Universe
	11:54 AM	Peter Zimmerman	University of Arizona	Jets launched by moving conductors
12:12 PM		<i>Lunch</i>		
VII	2:00 PM	Joseph Mitchell*	University of California, Davis	Where are the BTZ Black Hole Degrees of Freedom?
	2:18 PM	Edgar Shaghoulian	University of California, Santa Barbara	Holography for quantum cosmology
	2:36 PM	Kelsey Lund*	University of California, San Diego	TBA
	2:54 PM	Anzhong Wang	Baylor University	Detecting quantum gravitational effects in the early universe?
3:12 PM		<i>Coffee break</i>		
VIII	3:40 PM		<i>Presentation of GGR prize for best student talk</i>	
	3:45 PM	Douglas Singleton	California State University, Fresno	Connecting horizon pixels and interior voxels of a black hole
	4:03 PM	Jack Sarfatti	Internet Science Education Foundation	Teaching General Relativity
	4:21 PM	Don V Black	AIRST	Interesting Intersections of Physics and Engineering
	4:39 PM	Richard Kriske	None	A New Theory of Particle Physics may explain the CMBR