



17th Eastern Gravity Meeting, West Virginia University

<u>Date</u>	<u>Start Time</u>	<u>End Time</u>	<u>Event</u>	<u>Location</u>
15-May	7:00 PM	9:00 PM	Evening social	Kennedy Club Room
16-May	7:30 AM	8:00 AM	Registration	outside Barnette Room
	8:00 AM	10:00 AM	Session 1	Barnette Room
	10:00 AM	10:30 AM	Coffee and snacks	outside Barnette Room
	10:30 AM	12:30 PM	Session 2	Barnette Room
	12:30 PM	1:30 PM	Lunch	Barnette Room
	1:30 PM	4:50 PM	Session 3	Barnette Room
	5:00 PM	7:00 PM	Conference dinner	Nutting Gallery
	7:15 PM	9:00 PM	Planetarium show and observing (weather permitting)	White Hall
	17-May	8:00 AM	10:00 AM	Session 1
10:00 AM		10:30 AM	Coffee and snacks	outside Barnette Room
10:30 AM		12:30 PM	Session 2	Barnette Room
12:30 PM		1:30 PM	Lunch	Barnette Room
1:30 PM		4:00 PM	Session 3	Barnette Room
4:00 PM		5:00 PM	Featured talk by Ezra (Ted) Newman	Barnette Room
5:00 PM		5:15 PM	GGR award for best student talk	
5:15 PM			Meeting adjourns	
7:00 PM		10:00 PM	Performance by Second Cousin (feat. Duncan Lorimer)	Downtown Black Bear



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DETAILED TALK SCHEDULE:

	<u>Start Time</u>	<u>End Time</u>	<u>Speaker</u>	<u>Title</u>
16-May				
Session 1	8:00 AM	8:20 AM	Sean McWilliams	Welcome
	8:20 AM	8:40 AM	Scott Field	Surrogate models for rapid generation of parameterized waveforms
	8:40 AM	9:00 AM	Priscilla Canizares	Accelerated parameter estimation of gravitational waves
	9:00 AM	9:20 AM	Eliu Huerta	A waveform model for mergers of eccentric compact binaries
	9:20 AM	9:40 AM	Jeffrey Winicour	TBA
	9:40 AM	10:00 AM	Tyler Spilhaus*	Numerical study of high-multipole Kerr tails
Session 2	10:30 AM	10:50 AM	Carlos Lousto	Recoil velocities for aligned spin black hole binaries
	10:50 AM	11:10 AM	Yosef Zlochower	Recoils from the mergers of supermassive black hole binaries
	11:10 AM	11:30 AM	Zachariah Etienne	IllinoisGRMHD: an open-source, highly-extensible, and portable rewrite of the Illinois GRMHD code
	11:30 AM	11:50 AM	Ian Ruchlin*	Puncture initial data for black hole binaries with nearly extremal spins
	11:50 AM	12:10 AM	Maria Babuic-Hamilton	TBA
	12:10 AM	12:30 AM	Thomas Baumgarte	TBA
Session 3	1:30 PM	1:50 PM	Gregory Harry	Status of Advanced LIGO
	1:50 PM	2:10 PM	Maura McLaughlin	Status of NANOGrav
	2:10 PM	2:30 PM	Peter Shawhan	Electromagnetic follow-up observations of gravitational-wave triggers
	2:30 PM	2:50 PM	Joseph Swiggum*	Pulsars in DNS binaries: probing GR and constraining the galactic NS-NS binary merger rate
	2:50 PM	3:10 PM	Megan Jones*	Measuring the Shapiro delay and unusual orbit of PSR J1903+0327
	3:10 PM	3:30 PM	Cregg Yancey	Coincident measurement of gravitational waves and prompt meter-wavelength radio emissions
	3:30 PM	3:50 PM	Sina Bahrami*	Non Gaussianity in single field inflationary models with non-Bunch Davies vacua
	3:50 PM	4:10 PM	Mohammed Akbar	TBA
	4:10 PM	4:30 PM	Richard Kriske	Predicting gravitational waves in the CMB using Hawking's imaginary time
	4:30 PM	4:50 PM	Ned Raser	Predicting the fundamental constants of nature using a phenomenological model of gravitation

*eligible for student prize



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17-May				
Session 1	8:00 AM	8:20 AM	Zachary Mark*	Perturbative solutions for quasi-normal modes of Kerr-Newman black holes
	8:20 AM	8:40 AM	Jordan Moxon*	On the subleading correction to the self-force for a particle coupled to a scalar field in Minkowski spacetime
	8:40 AM	9:00 AM	Thomas Cailleteau	Effective loop quantum cosmology
	9:00 AM	9:20 AM	Suddhasattwa Brahma*	TBA
	9:20 AM	9:40 AM	Edward Green	Conservative transformation group: star models, dark matter halos and solar system dynamics
	9:40 AM	10:00 AM	Peter Zimmerman*	Going beyond the vacuum in self-force calculations
Session 2	10:30 AM	10:50 AM	Ryan Westernacher-Scheider*	Hydrodynamic turbulence in 2+1D and applications to 3+1D gravity
	10:50 AM	11:10 AM	Stephen Green	Holographic path to the turbulent side of gravity
	11:10 AM	11:30 AM	Huan Yang	Turbulent gravitational behavior in rapidly spinning black holes
	11:30 AM	11:50 AM	Phillippe Landry*	Relativistic theory of surficial Love numbers
	11:50 AM	12:10 AM	Beatrice Bonga	Asymptotics with a positive cosmological constant
	12:10 AM	12:30 AM	Aruna Kesavan	Asymptotically de Sitter spacetimes
Session 3	1:30 PM	1:49 PM	Tehani Finch	A new formulation of the Myers-Perry metric
	1:49 PM	2:08 PM	Eyo Ita	Affine group formulation for four-dimensional, quantum gravity
	2:08 PM	2:27 PM	Kamal Barghout	Metal-like gravity
	2:27 PM	2:45 PM	Ken Dennison	TBA
	2:45 PM	3:04 PM	Robert McNees	Four-dimensional conformal gravity with (Anti-)de Sitter boundary conditions
	3:04 PM	3:23 PM	David Nichols	Ambiguity in angular momentum and its relationship to gravitational-wave memory
	3:23 PM	3:42 PM	Robert Owen	The algebraic structure of mixmaster cosmology
	3:42 PM	4:00 PM	Peter Taylor	Propagation of test particles and test fields in traversable wormhole spacetimes
4:00 PM	5:00 PM	Ezra (Ted) Newman	Reminiscences, opinions, and judgments	

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