

Daily schedule for Miami topical physics conference 13-19 December 2017

Please point out any corrections by sending email to

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This version incorporates all modifications as of

12/19/2017 6:53

This is a tentative schedule. Exact times may change.
Please *reload* this file occasionally to see any changes.

To view or print a complete conference booklet, after 10 December go to
<https://cgc.physics.miami.edu/2017ConferenceBooklet.pdf>

Wednesday 13 December



Lake View Room session

8:00-8:30			
8:30-9:00		<i>breakfast & informal discussions</i>	(breakfast is provided for all registrants each day in the pre-conference area)
9:00-9:30			
9:30-10:00			
10:00-10:30	Thom	<i>registration</i>	
10:30-11:00			
11:00-11:30		Curtright-Thomas	Welcome, and comments on mixed-symmetry gauge fields
11:30-12:00		Hoertner-Sergio	Gravitational duality and deformations of action principles for mixed-symmetry tensor fields
12:00-12:30			
12:30-1:00			
1:00-1:30		<i>lunch & informal discussions</i>	(lunch is not provided but please make good use of the allowed lunch-time)
1:30-2:00			
2:00-2:30			
2:30-3:00			
3:00-3:30		Hosek-Jiri	On the Origin of Lepton and Quark Masses
3:30-4:00		Eto-Minoru	Localization of gauge fields on topological defects
4:00-4:30		Owen-David	Bethe-Salpeter Eq. for a Vector Meson-Scalar Meson Bound State
4:30-5:00		<i>tea break</i>	
5:00-5:30		Frampton-Paul	Entanglement Entropy and Cyclic Cosmology
5:30-6:00		Edmonds-Douglas	Modified Dark Matter: Relating Dark Energy, Dark Matter, and Baryonic Matter
6:00-6:30		Vilenkin-Alex	Black holes from cosmic inflation
6:30-7:00			
7:00-9:00		<i>reception</i>	

Thursday 14 December



Lake View Room session

8:00-8:30			
8:30-9:00		<i>breakfast & informal discussions</i>	
9:00-9:30			
9:30-10:00			
10:00-10:30	Don	Haddad-Matt	Topological Defects in AdS
10:30-11:00		Buniy-Roman	Lie algebraic solution of the Schrodinger equation
11:00-11:30		O-Connell-RobertF	Position operators and applications
11:30-12:00		Mannheim-Philip	Anomalous Dimensions and the Renormalizability of the Four-Fermion Interaction
12:00-12:30			
12:30-1:00			
1:00-1:30		<i>lunch & informal discussions</i>	
1:30-2:00			
2:00-2:30			
2:30-3:00			
3:00-3:30	Tom	Shafi-Qaisar	Quest for Unification
3:30-4:00		Arai-Masato	Grand unified brane world scenario
4:00-4:30		Kawai-Shinsuke	Gravitational wave leptogenesis
4:30-5:00		<i>tea break</i>	
5:00-5:30	Thom	Kephart-Tom	Spontaneous Breaking of Gauge Groups to Nonabelian Discrete Symmetries
5:30-6:00		Colladay-Don	Quantization of CPT-Violating Negative-Energy Cherenkov states
6:00-6:30		Bandos-Igor	Spinor moving frame based approach to the superamplitudes of 11D SUGRA and 10D SYM
6:30-7:00		Palamara-Sherry	Considering the Psychology of Multidimensions

Friday 15 December



Lake View Room session

8:00-8:30			
8:30-9:00		<i>breakfast & informal discussions</i>	
9:00-9:30			
9:30-10:00			
10:00-10:30	Paul	Moffat-John	LIGO/VIRGO data analysis and modified (MOG) black holes
10:30-11:00		Chapline-George	Messages from the big bang
11:00-11:30		Guendelman-Eduardo	A transition between bouncing hyper-inflation to CDM from diffusive scalar fields
11:30-12:00		Sikivie-Pierre	Bose-Einstein condensation of dark matter axions
12:00-12:30			
12:30-1:00			
1:00-1:30		<i>lunch & informal discussions</i>	
1:30-2:00			
2:00-2:30			
2:30-3:00			
3:00-3:30	Syd	Klimenko-Sergey	Observations of Gravitational Waves with LIGO and Virgo.
3:30-4:00		Messick-Cody	LIGO observation of a binary neutron star merger
4:00-4:30		Bartos-Imre	Multimessenger observations of binary neutron star merger GW170817
4:30-5:00		<i>tea break</i>	
5:00-5:30	Syd	Clark-James	Gravitational wave observations of binary black hole mergers
5:30-6:00		Eikenberry-Stephen	Precision Cosmology with Gravitational Waves: GW170817 & the Hubble Parameter
6:00-6:30		Hall-Evan	Future gravitational-wave detectors
6:30-7:00			

Saturday 16 December



Lake View Room session

8:00-8:30			
8:30-9:00		<i>breakfast & informal discussions</i>	
9:00-9:30			
9:30-10:00			
10:00-10:30	Tom	Oppedisano-Chiara	Results from ALICE
10:30-11:00		Watanabe-Yosuke	Heavy flavor measurements with ALICE
11:00-11:30		Orimoto-Toyoko	Results from the CMS Experiment
11:30-12:00		Colafranceschi-Stefano	Construction of GEM detectors for the CMS forward muon upgrade
12:00-12:30			
12:30-1:00			
1:00-1:30		<i>lunch & informal discussions</i>	
1:30-2:00			
2:00-2:30			
2:30-3:00			
3:00-3:30	Steve	Kopper-Claudio	Recent Results from IceCube
3:30-4:00		Sciolla-Gabriella	Overview of ATLAS result
4:00-4:30		Nektarijevic-Snezana	First ATLAS results on ttH at 13 TeV
4:30-5:00		<i>tea break</i>	
5:00-5:30	Paul	Yuan-Xuhao	Results from LHCb in 2017
5:30-6:00		Goulianos-Konstantin	Precision RENORM diffraction predictions at LHC: A puzzle-solving tool?
6:00-6:30		Ludwick-Kevin	The Viability of Phantom Dark Energy as a Quantum Field in 1st-Order FLRW Space
6:30-7:00			
7:00-7:30		<i>cash bar</i>	
7:30-9:00		<i>banquet</i>	

Sunday 17 December



Lake View Room session

8:00-8:30			
8:30-9:00		<i>breakfast & informal</i>	
9:00-9:30		<i>discussions</i>	
9:30-10:00			
10:00-10:30	Jaume	Berera-Arjun	Fluctuation-dissipation dynamics in the early universe
10:30-11:00		Bergshoeff-Eric	Gravity and the spin-2 planar Schroedinger equation
11:00-11:30		Thorn-Charles	Protostring Scattering
11:30-12:00		Raha-Sourav	Hagedorn transition in a string bit model
12:00-12:30			
12:30-1:00			
1:00-1:30			
1:30-2:00		<i>lunch & informal</i>	
2:00-2:30		<i>discussions, and trip to</i>	
2:30-3:00		<i>Perlmutter memorial service</i>	
3:00-3:30			
3:30-4:00			
4:00-4:30			
4:30-5:00		<i>tea break</i>	
5:00-5:30	Steve	Wass-Peter	The Laser Interferometer Space Antenna (LISA)
5:30-6:00		Buchanan-Norm	Latest Results from NOvA
6:00-6:30		Muramatsu-Hajime	Leptonic Decays of Charmed Mesons at BESIII
6:30-7:00		Wierman-Kevin	Status of MicroBooNE

Monday 18 December



Lake View Room session

8:00-8:30			
8:30-9:00		<i>breakfast & informal discussions</i>	
9:00-9:30			
9:30-10:00			
10:00-10:30	Djordje	Ramond-Pierre	Classical and quantal error-correcting codes
10:30-11:00		Lashkari-Nima	Entanglement at a Scale and Recovery Maps
11:00-11:30		Lin-Jennifer	Entanglement in gauge theories and gravity
11:30-12:00		Bao-Ning	Holographic Entanglement Entropy Constraints
12:00-12:30			
12:30-1:00			
1:00-1:30		<i>lunch & informal discussions</i>	
1:30-2:00			
2:00-2:30			
2:30-3:00			
3:00-3:30	Thom	Gomis-Jaume	Phases of Three Dimensional Gauge Theories
3:30-4:00		Yasuda-Osamu	Testing NSI suggested by the solar neutrino tension in T2HKK and DUNE
4:00-4:30		Ghosh-Monojit	A hybrid setup for fundamental unknowns using T2HK and μ -DAR
4:30-5:00		<i>tea break</i>	
5:00-5:30	Thom	Okada-Nobuchika	Enhanced pair production of heavy Majorana neutrinos at LHC
5:30-6:00		Minic-Djordje	Intrinsic non-commutativity of closed string theory
6:00-6:30			
6:30-7:00			

Tuesday 19 December



Free time! There is nothing scheduled for today.

Thank you for coming to Miami 2017.

Have a safe journey home.

No. registrants: 68 (-2 cancellations)

No. talks: 56

Participants not giving talks:

- 1 Alshal
- 2 Baral
- 3 Castano
- 4 Ghandour
- 5 Meshkov
- 6 Mezincescu
- 7 Mintz
- 8 Ng
- 9 Perlmutter
- 10 Subedi
- 11 Tamang

Cancellations:

- 1 Mezincescu
- 2 Van Korftryk



Name & Link to Abstract

- [1. Alshal-Hassan](#)
- [2. Arai-Masato](#)
- [3. Bandos-Igor](#)
- [4. Bao-Ning](#)
- [5. Baral-Pramod](#)
- [6. Bartos-Imre](#)
- [7. Berera-Arjun](#)

Talk title

- (no talk)
- Grand unified brane world scenario
- Spinor moving frame based approach to the superamplitudes of 11D SUGRA and 10D SYM
- Holographic Entanglement Entropy Constraints
- (no talk)
- Multimessenger observations of binary neutron star merger GW170817
- Fluctuation-dissipation dynamics in the early universe

8. Bergshoeff-Eric	Gravity and the spin-2 planar Schroedinger equation
9. Buchanan-Norm	Latest Results from NOvA
10. Buniy-Roman	Lie algebraic solution of the Schrodinger equation
11. Castano-Diego	(no talk)
12. Chapline-George	Messages from the big bang
13. Clark-James	Gravitational wave observations of binary black hole mergers
14. Colafranceschi-Stefano	Construction of GEM detectors for the CMS forward muon upgrade
15. Colladay-Don	Quantization of CPT-Violating Negative-Energy Cherenkov states
16. Curtright-Thomas	Comments on mixed-symmetry gauge fields
17. Edmonds-Douglas	Modified Dark Matter: Relating Dark Energy, Dark Matter, and Baryonic Matter
18. Eikenberry-Stephen	Precision Cosmology with Gravitational Waves: GW170817 & the Hubble Parameter
19. Eto-Minoru	Localization of gauge fields on topological defects
20. Frampton-Paul	Entanglement Entropy and Cyclic Cosmology
21. Ghandour-Ghassan	(no talk)
22. Ghosh-Monojit	A hybrid setup for fundamental unknowns using T2HK and μ -DAR
23. Gomis-Jaume	Phases of Three Dimensional Gauge Theories
24. Goulianos-Konstantin	Precision RENORM diffraction predictions at LHC: A puzzle-solving tool?
25. Guendelman-Eduardo	A transition between bouncing hyper-inflation to Λ CDM from diffusive scalar fields
26. Haddad-Matt	Topological Defects in AdS
27. Hall-Evan	Future gravitational-wave detectors
28. Hoertner-Sergio	Gravitational duality and deformations of action principles for mixed-symmetry tensor fields
29. Hosek-Jiri	On the Origin of Lepton and Quark Masses
30. Kawai-Shinsuke	Gravitational wave leptogenesis
31. Kephart-Tom	Spontaneous Breaking of Gauge Groups to Nonabelian Discrete Symmetries
32. Klimenko-Sergey	Observations of Gravitational Waves with LIGO and Virgo.
33. Kopper-Claudio	Recent Results from IceCube
34. Lashkari-Nima	Entanglement at a Scale and Recovery Maps
35. Lin-Jennifer	Entanglement in gauge theories and gravity
36. Ludwick-Kevin	The Viability of Phantom Dark Energy as a Quantum Field in 1st-Order FLRW Space
37. Mannheim-Philip	Anomalous Dimensions and the Renormalizability of the Four-Fermion Interaction
38. Meshkov-Sydney	(no talk)
39. Messick-Cody	LIGO observation of a binary neutron star merger

40. Mezincescu-Luca	(no talk)
41. Minic-Djordje	Intrinsic non-commutativity of closed string theory
42. Mintz-Stephan	(no talk)
43. Moffat-John	LIGO/VIRGO data analysis and modified (MOG) black holes
44. Muramatsu-Hajime	Leptonic Decays of Charmed Mesons at BESIII
45. Nektarijevic-Snezana	First ATLAS results on ttH at 13 TeV
46. Ng-Y--Jack	(no talk)
47. O-Connell-RobertF	Spin Effects in QED and General Relativity
48. Okada-Nobuchika	Enhanced pair production of heavy Majorana neutrinos at LHC
49. Oppedisano-Chiara	Results from ALICE
50. Orimoto-Toyoko	Results from the CMS Experiment
51. Owen-David	Bethe-Salpeter Eq. for a Vector Meson-Scalar Meson Bound State
52. Palamara-Sherry	Considering the Psychology of Multidimensions
53. Perlmutter-Arnold	(no talk)
54. Raha-Sourav	Hagedorn transition in a string bit model
55. Ramond-Pierre	Classical and quantal error-correcting codes
56. Sciolla-Gabriella	Overview of ATLAS result
57. Shafi-Qaisar	Quest for Unification
58. Sikivie-Pierre	Bose-Einstein condensation of dark matter axions
59. Subedi-Sushil	(no talk)
60. Tamang-Kunal	(no talk)
61. Thorn-Charles	Protostring Scattering
62. Van-Kortryk-T-S	Enumerating Eulerian Digraphs and String States
63. Vilenkin-Alex	Black holes from cosmic inflation
64. Wass-Peter	The Laser Interferometer Space Antenna (LISA)
65. Watanabe-Yosuke	Heavy flavor measurements with ALICE
66. Wierman-Kevin	Status of MicroBooNE
67. Yasuda-Osamu	Testing NSI suggested by the solar neutrino tension in T2HKK and DUNE
68. Yuan-Xuhao	Results from LHCb in 2017