2014 ASU-TUFTS JOINT WORKSHOP ON COSMIC STRINGS

	2014 ASU-TUFTS JOINT WORKSHOP ON COSMIC STRINGS
	pruary 2 nd , 2014 Residence Inn Marriott Tempe (510 S. Forest Ave. Tempe, AZ)
6:00-8:00	Reception at the Rooftop of Residence Inn Marriott (11 th Floor, Rooftop Patio, Alta)
9:00-9:10	bruary 3 rd , 2014 Memorial Union 228 Cochise Welcome Address by Tanmay Vachaspati
Session 1	Chair: Alex Vilenkin
9:10-9:35	Qaisar Shafi - Inflation and Cosmic Strings (25')
9:35-9:55	Junichi Yokoyama - Cosmic Strings and Inflation (20')
9:55-10:15	Henry Tye - Multi-throat String Compactifications and Spectrum of Cosmic String Tension (20')
10:15-10:35	Ken Olum - Large Parallel String Network Simulations (20')
10:35-11:00	Coffee Break (25')
Session 2	Chair: Tom Kibble
11:00-11:25	Ben Shlaer - The Number, Size, and Speed of Loops (25')
11:25-11:45 11:45-12:10	Jose Blanco-Pillado - Shapes of Loops (20') Christophe Ringeval - Loops (25')
12:10-12:30	Discussion (20')
12:30-2:00	Lunch at Engrained Cafe (90')
Session 3	Chair: Paul Shellard
2:00-2:20	David Daverio - Massively Parallel Simulation of Abelian Higgs Model: LATfield2d and LAH (20')
2:20-2:40	Mark Hindmarsh - High Resolution Simulations of Strings in the Abelian Higgs Model (20')
2:40-3:00	Jon Urrestilla - CMB Predictions from New Abelian Higgs Simulation in the Lattice (20')
3:00-3:20	Levon Pogosian - An Update on CMBACT (20')
3:20-3:50 Session 4	Coffee Break (30') Chair: Robert Brandenberger
3:50-4:10	Ana Achucarro - Intercommutation Puzzles (20')
4:10-4:35	Anastasios Avgoustidis - Analytic Modelling of Cosmic String and Superstring Networks (25')
4:35-5:00	Vitaly Vanchurin - Kinetic Theory of Strings (25')
5:00-5:20	Daniel Schubring - Fluid Mechanics of Strings (20')
5:20-5:40	Discussion (20')
6:30-9:00	Dinner at Caffe Boa (398 S Mill Ave, Tempe)
	bruary 4 th , 2014 Memorial Union 228 Cochise
Session 5	Chair: Ana Achucarro Andrei I. azanu. The Deuter Spectrum of Nambu Cete Coomie Stringe (201)
9:00-9:20 9:20-9:40	Andrei Lazanu - The Power Spectrum of Nambu-Goto Cosmic Strings (20') Adam Moss - The Cosmic String CMB Power Spectrum and Constraints from the Planck Satellite (20')
9:40-10:00	Donough Regan - Matter Power Spectrum and Bispectrum of Cosmic String Wakes (20')
10:00-10.20	Paul Shellard - Planck Non-Gaussianity Searches for Cosmic Strings (20')
10:20-10:50	Coffee Break (30')
Session 6	Chair: Henry Tye
10:50-11:10	Robert Brandenberger - Searching for Cosmic Strings in New Observational Windows (20')
11:10-11:30	Oscar Hernandez - How to See the Dark: Signatures of Strings in the 21 cm Radiation from High-redshift Hydrogen (20') Daniele Steer - Radio Bursts from Superconducting Strings (20')
11:30-11:50 11:50-12:10	Daniele Steel - Radio Bursts from Superconducting Strings (20)
11.50-12.10	Fray Sahancilar Particle Padiation and Cosmic Pay Signals from Cosmic Strings (201)
12.10-1.40	Eray Sabancilar - Particle Radiation and Cosmic Ray Signals from Cosmic Strings (20') Lunch at Engrained Cafe (90')
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