

TASC 2015 Schedule		
8:30AM – 8:55AM		Coffee
8:55AM - 9:00AM		Welcome
<i>Session I</i>		
9:00AM – 9:12AM	Guochao Sun (Caltech)	Constraints on the Star Formation Efficiency of Galaxies During Reionization
9:12AM – 9:36AM	Timothy Miller* (Caltech / Dalhousie University)	The [C II] Luminosity Function and Power Spectrum During Reionization
9:24AM – 9:36AM	Siavash Yasini* (USC)	The Aliens' Microwave Sky
9:36AM – 9:48AM	Andrey Egorov* (USC)	Dark matter implications of the WMAP-Planck Haze
9:48AM – 10:00AM	Frederick Matsuda* (UC San Diego)	Cosmic Microwave Background B-Mode Polarization and the POLARBEAR Experiment
10:00AM – 10:12AM	David Leon* (UC San Diego)	POLARBEAR Constraints on Cosmic Birefringence and Primordial Magnetic Fields
10:12AM – 10:24 AM	Louis Yang* (UCLA)	Leptogenesis via Higgs Condensate Relaxation
10:24 AM – 11:00AM		Morning break
<i>Session II</i>		
11:00AM – 11:12AM	Jonas Lippuner* (Caltech)	Parameter study of r-process lanthanide production and heating rates in kilonovae with SkyNet
11:12AM – 11:24AM	Sarah Gossan* (Caltech)	Observing Gravitational Waves from Core-Collapse Supernovae in the Advanced Detector Era
11:24AM – 11:36AM	Sherwood Richers* (Caltech)	Equation of State Dependence of Gravitational Waves from Rapidly Rotating Supernovae
11:36AM – 11:48AM	Kevin Barkett* (Caltech)	Gravitational waveforms for neutron star binaries from binary black hole simulations
11:48AM – 12:00PM	Matthew Giesler* (Caltech)	Simulations of nearly extremal binary black holes
12:00PM – 12:12PM	Vijay Varma* (Caltech)	Computing Binary Black Hole Initial Data in Damped Harmonic Gauge

12:12PM – 12:24PM	Maria Okounkova* (Caltech)	Numerical Tests of the Cosmic Censorship Conjecture
12:24PM – 2:00PM		Lunch
<i>Session III</i>		
2:00PM – 2:12PM	Jonathan Blackman* (Caltech)	Surrogate models of binary black hole gravitational waveforms from numerical relativity simulations
2:12PM – 2:24PM	Rhondale Tso* (Caltech)	Testing General Relativity with Gravitational Waves
2:24PM – 2:36PM	Zachary Mark* (Caltech)	Quasinormal Modes of Nearly Extremal Charged Black Holes
2:36PM – 2:48PM	Christine Moran (Caltech)	f(R) Gravity at the Virgo Cluster Scale
2:48PM – 3:00PM	Jennifer Shitanishi* (USC)	Joint X-ray and SZ Deprojections of the Bolocam Galaxy Cluster Sample
3:00PM – 3:12PM	Matthew Orr* (Caltech)	Kennicutt-Schmidt: What FIREs Up Star Formation?
3:12PM – 3:24PM	Denise Schmitz* (Caltech)	The Angular Momentum of Galaxies in the FIRE Simulations
3:24PM – 4:00PM		Afternoon break
<i>Session IV</i>		
4:00PM – 4:12PM	Kung-Yi Su* (Caltech)	The Effects of Fluid Microphysics on Star-Forming Galaxies
4:12PM – 4:24PM	David Guszejnov* (Caltech)	What simple models can tell us about star formation
4:24PM – 4:36PM	Xiangcheng Ma* (Caltech)	The origin of metallicity gradient in disk galaxies
4:36PM – 4:48PM	Panchajanya Banerjee* (USC)	An Optical Catalog of Galaxy Clusters from SDSS DR9
4:48PM – 5:00PM	Andrew Pace* (UC Irvine)	Diversity of Galactic Rotation Curves and Self-interacting Dark Matter
5:00PM – 5:12PM	Anna Kwa* (UC Irvine)	Indirect detection of dark matter: Milky Way halo constraints
5:12PM – 5:24PM	Yu Lu (Carnegie Observatories)	The implication of the LMC/SMC for the formation the Milky Way
5:24PM		Prize awarded for the best student talk