

# Einstein Fellowship Symposium

October 29-30th, 2013

Phillips Auditorium, Center for Astrophysics

## Agenda October 30

9:00 - 9:20	<b>Ann-Marie Madigan</b>	Gravitational instabilities in Kepler Potentials
9:20 - 9:40	<b>Leo Stein</b>	Parameterizing and constraining scalar corrections to general relativity
9:40 - 10:00	<b>Rutger van Haasteren</b>	Gravitational-wave detection with precise timing of millisecond pulsars.
10:00- 10:20	<b>Luke Roberts</b>	Neutrinos from Proto-Neutron Stars
10:20- 10:40	<b>Sam Gralla</b>	On the Outer Pulsar Magnetosphere
10:40 - 11:00	<b>Coffee</b>	
11:00 - 11:20	<b>Julie Hlavacek-Larrondo</b>	AGN feedback in clusters of galaxies
11:20 - 11:40	<b>Matthew Kunz</b>	Pegasus: A New Hybrid-Kinetic Particle-in-Cell Code for Astrophysical Plasma Dynamics
11:40 - 12:00	<b>Laura Lopez</b>	The Role of Stellar Feedback in the Dynamics of HII Regions
12:00 - 1:30	<b>Lunch</b>	
1:30 - 1:50	<b>Akos Bogdan</b>	Young AGN outburst running over older X-ray cavities
1:50 - 2:10	<b>Selma de Mink</b>	The Evolution of Massive Stars towards their Death: Rotation, Binarity and Mergers
2:10 - 2:30	<b>Reinout van Weeren</b>	Radio Observations of Distant Merging Galaxy Clusters
2:30 - 2:50	<b>Mario Manuel</b>	Laboratory Astrophysics: Producing Scaled Hydrodynamic Systems Using High-power Lasers
2:50 - 3:10	<b>Tea</b>	
3:10 - 3:30	<b>Chris Nixon</b>	Tearing up circumbinary discs
3:30 - 3:50	<b>Yan-Fei Jiang</b>	Understanding Accretion Disks through Three Dimensional Radiation MHD Simulations
3:50 - 4:10	<b>Sasha Tchekhovskoy</b>	What sets jet power in black hole accretion systems?