

Program
Sunday, September 29, 2013

7:30 a.m.	6:00 p.m.	Tour of VLA and LWA
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Monday, September 30, 2013

8:00 a.m.	8:45 a.m.	Registration
8:45 a.m.	9:00 a.m.	Welcome
Session 1: Recent Galactic Center Results and Highlights		Chair: A Ghez
9:00 a.m.	9:30 a.m.	Overview Talk #1: Herschel View of the Galactic Center John Bally
9:30 a.m.	10:00 a.m.	Overview Talk #2: Physical Conditions and Chemistry of Molecular Gas in Galactic Centers Susanne Aalto
10:00 a.m.	10:30 a.m.	Overview Talk #3: NuSTAR Results: From the Galactic Center to Local Starbursts Fiona Harrison
10:30 a.m.	11:00 a.m.	Coffee Break
11:00 a.m.	11:30 a.m.	Overview Talk #4: Sgr A* X-ray Visionary Project Fred Baganoff
11:30 a.m.	12:00 p.m.	Overview Talk #5: The H.E.S.S. View on the Galactic Centre Mathieu de Naurois
12:00 p.m.	1:30 p.m.	Lunch
Session 2: Global Properties and Dynamics in the Central Molecular Zones of Galactic Nuclei: From Large Scale Studies to the CND		Chair: M. Tsuboi
1:30 p.m.	1:55 p.m.	Star Formation in Nuclear Rings of Barred-Spiral Galaxies Woong-Tae Kim
1:55 p.m.	2:20 p.m.	Atomic Hydrogen in an Outflow from the Galactic Center Naomi McClure-Griffiths
2:20 p.m.	2:40 p.m.	The Galactic Center: Not an Active Galactic Nucleus Deokkeun An
2:40 p.m.	3:00 p.m.	Lessons from Comparisons Between the Nuclear Region of the Milky Way and Those in Nearby Spirals Jay Gallagher
3:00 p.m.	3:15 p.m.	Poster Previews
3:15 p.m.	3:45 p.m.	Coffee Break
3:45 p.m.	4:05 p.m.	Gas Motions in Inner 2 pc of Sgr A West John Lacy
4:05 p.m.	4:25 p.m.	Molecules in the Circumnuclear Disk of the Galactic Center: Implications from Chemical Modeling Nanase Harada
4:25 p.m.	4:45 p.m.	Opening Again the Debate: the Transient Nature of the Circumnuclear Disk Miquel Requena-Torres
4:45 p.m.	5:05 p.m.	Regularized OSIRIS 3D Spectroscopy at the Circumnuclear Disk Ionization Front Thibault Paumard
5:05 p.m.	5:25 p.m.	Discussion (Session 2)
6:00 p.m.	8:00 p.m.	Opening Reception NM Museum of Art

Program
Tuesday, October 1, 2013

Session 3: The Formation and Impact of Massive Stars in the Galactic Center			Chair: F. Yusef-Zadeh
9:00 a.m.	9:25 a.m.	Conversion of Gas into Stars in the Galactic Center	Steve Longmore
9:25 a.m.	9:45 a.m.	ALMA's View of the Initial Conditions within a Massive Protocluster	Jill Rathborne
9:45 a.m.	10:05 a.m.	Hot Gas, Masers, and Cloud Collisions: The Extreme Properties of Molecular Gas at the Heart of the Milky Way Galaxy	Betsy Mills
10:05 a.m.	10:30 a.m.	Poster Previews	
10:30 a.m.	11:00 a.m.	Coffee Break	
11:00 a.m.	11:25 a.m.	Kinematics and Dynamics of Molecular Gas in Galactic Centers	Kazushi Sakamoto
11:25 a.m.	11:45 p.m.	Disk-Halo Interactions: Molecular Clouds in the Galactic Center Region	Denise Riquelme Vasquez
11:45 p.m.	12:05 p.m.	Large Scale and High Sensitivity Multi Line CO Surveys Toward the Galactic Center	Rei Enokiya
12:05 p.m.	12:30 p.m.	Discussion of Session 3	
12:30 p.m.	2:00 p.m.	Lunch	
Session 4: The Galactic Center Stellar Population			Chair: S. Kim
2:00 p.m.	2:30 p.m.	Overview Talk #6: Young Stars in the Central Parsec of Our Galaxy	Jessica Lu
2:30 p.m.	2:50 p.m.	The Milky Way Nuclear Star Cluster Beyond 1 pc	Anja Feldmeier
2:50 p.m.	3:10 p.m.	Unveiling the Massive Stars beyond the Three Young Massive Star Clusters	Hui Dong
3:10 p.m.	3:30 p.m.	On the Origin of Young Stars in the Galactic Center	Ann-Marie Madigan
3:30 p.m.	3:45 p.m.	Poster Previews	
3:45 p.m.	4:15 p.m.	Coffee Break	
4:15 p.m.	4:35 p.m.	The Nuclear Cluster of the Milky Way	Tobias Fritz
4:35 p.m.	4:55 p.m.	Measuring the Physical Properties of th Milky Way Nuclear Star Cluster with 3D Stellar Kinematics	Tuan Do
4:55 p.m.	5:15 p.m.	Star Formation within 0.5 pc of Sgr A*	Mark Wardle
5:15 p.m.	5:35 p.m.	Probing General Relativity with Short Period Stars at the Galactic Center	Andrea Ghez
5:15 p.m.	5:45 p.m.	Discussion of Session 4	

Program
Wednesday, October 2, 2013

Session 5: Astrophysics and Feedback in the Sgr A* Environment and in other Galactic Nuclei			Chair: H. Falcke
9:00 a.m.	9:30 a.m.	Overview Talk #7: Observations of the G2 Cloud at Sgr A*	Stefan Gillessen
9:30 a.m.	9:50 a.m.	Keck Observations of G2 and Sgr A*	Leo Meyer
9:50 a.m.	10:10 a.m.	The Infrared K-band Identification of the DSO/G2 Source from VLT and Keck data	Andreas Eckart
10:10 a.m.	10:30 a.m.	G2 as a Probe of Sgr A*'s Hot Environs: A View from Chandra and VLA	Darryl Haggard
10:30 a.m.	11:00 a.m.	Coffee Break	
11:00 a.m.	11:25 a.m.	NIR Variability of Sgr A*	Gunther Witzel
11:25 a.m.	11:45 a.m.	NIR Polarized Observations of Sagittarius A*	Banafsheh Shahzamanian
11:45 a.m.	12:05 p.m.	Long-term Monitoring of Sgr A* at 43GHz with VERA and KVN+VERA	Kazunori Akiyama
12:05 p.m.	12:25 p.m.	Exploring Plasma Behavior Around Sgr A*	Salomé Dibi
12:25 p.m.	12:45 p.m.	History of High Resolution Imaging of Sgr A*	Jim Moran
12:45 p.m.	1:00 p.m.	Discussion of Session 5 (Part 1)	
1:00 p.m.	2:00 p.m.	Lunch	
6:00 p.m.		Conference Dinner	Coyote Café

Program
Thursday, October 3, 2013

Session 5: Astrophysics and Feedback in the Sgr A* Environment and in other Galactic Nuclei (cont'd)			Chair: S. Markoff
9:00 a.m.	9:30 a.m.	Overview Talk #8: Modeling Accretion and Outflows on Horizons Scales for the Event Horizon Telescope	Avery Broderick
9:30 a.m.	9:50 a.m.	Event Horizon Scale Emission Models of Sgr A*	Jason Dexter
9:50 a.m.	10:10 a.m.	Theory of G2 Cloud Multi-wavelength Emission	Roman Shcherbakov
10:10 a.m.	10:30 a.m.	Hydrodynamic Simulations of a Compact Source Scenario for the Galactic Center Cloud G2	Alessandro Ballone
10:30 a.m.	10:45 a.m.	Poster Previews	
10:45 a.m.	11:15 a.m.	Coffee Break	
11:15 a.m.	11:40 a.m.	Study of Sgr A*'s Surroundings to Constrain its Prior Activity	Gabriele Ponti
11:40 a.m.	12:00 p.m.	The Reflection of two Past Outbursts of Sagittarius A* Observed by Chandra during the Last Decade	Maica Clavel
12:00 p.m.	12:20 p.m.	Discovery of a Recombination Dominant Plasma: a Relic of a Giant Flare of Sgr A*?	Shinya Nakashima
12:20 p.m.	12:45 p.m.	Discussion of Session 5 (Part 2)	
12:45 p.m.	2:00 p.m.	Lunch	
Session 5: Astrophysics and Feedback in the Sgr A* Environment and in other Galactic Nuclei (cont'd)			Chair: C. Fragile
2:00 p.m.	2:25 p.m.	Resolved Gas Flows and Stellar Population in the Inner 10-100pc of Nearby Active Galaxies	Thaisa Storchi-Bergmann
2:25 p.m.	2:45 p.m.	A New Perspective on the Radio Bright Zone at The Galactic Center -- Feedback from Nuclear Activity	Jun-Hui Zhao
2:45 p.m.	3:05 p.m.	The Origin of the Galactic Center Diffuse X-ray Emission Investigated by Near-infrared Imaging and Polarimetric Observations	Shogo Nishiyama
3:05 p.m.	3:25 p.m.	Gas Dynamics in the Galactic Centre: Clump Accretion and Outflows	Jorge Cuadra
3:25 p.m.	3:45 p.m.	Why are the Sleeping Giants so Quiet? Rotating, Inflow/outflow Solutions for Accreting Black Holes?	Jerry Ostriker
3:45 p.m.	4:15 p.m.	Coffee Break	
4:15 p.m.	4:35 p.m.	The Millimeter-Wavelength Polarization of Sgr A*	Dan Marrone
4:35 p.m.	4:55 p.m.	NuSTAR Detection of High-energy X-ray Emission and Rapid Variability from Sagittarius A* Flares	Nicolas Barriere
4:55 p.m.	5:15 p.m.	The 3 Ms Chandra Campaign on Sgr A*: A Census of X-ray Flaring Activity from the Galactic Center	Joey Neilsen
5:15 p.m.	5:45 p.m.	Discussion of Session 5 (Part 3)	

Program
Friday, October 4, 2013

Session 6: High Energy and Magnetic Processes, Strong Gravity and Dark Matter in the Galactic Center			Chair: R. Crocker
9:00 a.m.	9:30 a.m.	Overview Talk #9: Fermi Bubbles and Energetic Activity in the Galactic Center	Doug Finkbeiner
9:30 a.m.	9:50 a.m.	The Fermi Bubbles: Gamma-ray, Microwave, and Polarization Signatures of Leptonic AGN Jets	Mateuz Ruszkowski
9:50 a.m.	10:10 a.m.	Sturm und Drang: The Turbulent, Magnetic Tempest in the Galactic Center	Brian Lacki
10:10 a.m.	10:30 a.m.	Origin of Nonthermal Emission from the Fermi Bubbles and Mechanisms of Particle Acceleration There	Vladimir Dogiel
10:30 a.m.	10:45 a.m.	Poster Previews	
10:45 a.m.	11:15 a.m.	Coffee Break	
11:15 a.m.	11:40 p.m.	Dark Matter in the Galactic Center	Timothy Linden
11:40 p.m.	12:00 p.m.	Dark Matter and Pulsar Model Constraints from Galactic Center Fermi-LAT Gamma Ray Observations	Chris Gordon
12:00 p.m.	12:20 p.m.	Mapping the Galactic Centre: Detecting Gravitational Waves from Blackholes Orbiting Sgr A* Using Pulsar Timing	Alak Ray
12:20 p.m.	12:40 p.m.	The Cosmic-ray Ionization Rate in the Central Parsec of the Galaxy -- How We Could Deal with 10^4 Discrepancy?	Miwa Goto
12:40 p.m.	2:00 p.m.	Lunch	
Session 6: High Energy and Magnetic Processes, Strong Gravity and Dark Matter in the Galactic Center (con't)			Chair: D. Haggard
2:00 p.m.	2:20 p.m.	The Galactic Centre Molecular Cloud G0.13-0.13: a Laboratory for Understanding Cosmic-ray Electron Acceleration and Interactions	Andrew Lehmann
2:20 p.m.	2:40 p.m.	First Results from the NuSTAR "Mini-Survey" of the Galactic Center Region	Chuck Hailey
2:40 p.m.	3:00 p.m.	Dissecting X-ray-emitting Gas around the Center of our Galaxy	Q. Daniel Wang
3:00 p.m.	3:30 p.m.	Coffee Break	
3:30 p.m.	3:50 p.m.	Science with the Event Horizon Telescope	Shep Doeleman
3:50 p.m.	4:10 p.m.	The Galactic Center Pulsar, SGR 1745-29	Geoffrey Bower
4:10 p.m.	4:30 p.m.	Nonthermal Filamentary Radio Features Within 20 pc of the Galactic Center	Mark Morris
4:30 p.m.	4:50 p.m.	Discussion of Session 6	
4:50 p.m.	5:20 p.m.	Symposium Summary	Mitch Begelman
5:20 p.m.	5:30 p.m.	Closing Remarks	