

Comet ISON Observer's Workshop Agenda

Day 1 - Thursday, August 1

8:00-8:55	Morning Reception: Check-In/Coffee, assorted bagels, pastries, and fruit		
Session 1: Hello, ISON!			
8:55-9:00	Casey Lisse	Welcome from the Chair	<i>Moderators</i> Yan Fernández Matthew Knight
9:00-9:10	Kelly Fast/Lindley Johnson	Welcome from NASA HQ	
9:10-9:40	Mike A'Hearn	Historical Context	
9:40-10:00	Tony Farnham	Why you should archive your ISON data	
		Upcoming NASA Observations	
10:00-10:15	Ron Vervack	MESSENGER	
10:15-10:35	Karl Battams	SOHO/STEREO	
10:35-10:40	Paul Feldman	FORTIS	
10:40-11:00	Break		
11:00-11:20	Andy Cheng	BRRISON	
11:20-11:40	Rich Zurek Alan Delamere Dave Humm	Mars Missions Overview MRO/HIRISE MRO/CRISM	
11:40-1:00	Lunch		
Session 2: Non-Organic Volatiles			
1:00-1:20	Lori Feaga	What we'd like to know	<i>Moderators</i> Mike Kelley Mike DiSanti
1:20-1:25	Lori Feaga	EPOXI Observations	
1:25-1:30	Dennis Bodewits	Swift Observations	
1:30-1:35	Yan Fernández	Spitzer Observations	
1:35-2:00	Contributed	What else we know so far	
2:00-2:50	All	Discussion	
2:50-3:10	Break: Snacks and Drinks		
Session 3: Nucleus			
3:10-3:30	Jian-Yang Li	What we'd like to know	<i>Moderators</i> Karl Battams Yan Fernández
3:30-3:35	Jian-Yang Li	Hubble Observations	
3:35-3:50	Contributed	What else we know so far	
3:50-4:10	All	Discussion	
Session 4: Amateur-Professional Synergy			
4:10-4:15	Padma Yanamandra-Fisher Elizabeth Warner	Introduction	<i>Moderators</i> P. Yanamandra-Fisher Elizabeth Warner
4:15-4:25	Nalin Samarasinha	Global jet imaging campaign	
4:25-4:35	Nick Howes	The Faulkes Telescope campaign and outreach	
4:35-4:45	Lou Mayo	NASA: Engaging a planet	
4:45-4:55	Elizabeth Warner	Lessons learned	
4:55-5:00	Padma Yanamandra-Fisher Elizabeth Warner	Summary	
5:00-6:30	Day 1 Post-Meeting Reception		
6:45-????	Team Dinner at Ranazul (http://www.ranazul.us)		

Day 2 - Friday, August 2

8:00-9:00	Morning Reception: Check-In/Coffee, assorted bagels, pastries, and fruit		
Session 5: Comet-Sun Interaction			
9:00-9:30	Karel Schrijver	What we'd like to know	<i>Moderators</i> Matthew Knight Karl Battams
9:30-9:45	Contributed	What we know so far	
9:45-10:00	All	Discussion	
10:00-10:20	Break		
Session 6: Organics			
10:20-10:40	Mike Mumma	What we'd like to know	<i>Moderators</i> Mike DiSanti Matthew Knight
10:40-11:10	Contributed	What we know so far	
11:10-11:20	Neil Dello Russo	Ground-Based Campaigns: IRTF and Keck	
11:20-12:10	All	Discussion	
12:10-1:30	Lunch		
Session 7: Dust/Solids			
1:30-1:50	Diane Wooden	What we'd like to know	<i>Moderators</i> Mike Kelley P. Yanamandra-Fisher
1:50-2:00	Diane Wooden	The prospects for PAHs	
2:00-2:10	Matthew Knight	The basics of Afp	
2:10-2:40	Contributed	What we know so far	
2:40-3:20	All	Discussion	
3:20-3:40	Break: Snacks and Drinks		
Session 8: Closure			
3:40-4:00	Karen Meech	Connections/Big Picture	<i>Moderators</i> Casey Lisse Yan Fernández
4:00-4:20	All	Discussion	
Session 9: Wrapping Things Up			
4:20-4:30	Mike Kelley	Observing Timeline	<i>Moderators</i> Casey Lisse Yan Fernández
4:30-4:40	Karl Battams	CIOC Webpage	
4:40-4:50	All	Upcoming Meetings AGU 2013/LPSC 2014/ACM	
4:50-5:00	All	Special Journal Issue	
5:00-6:30	Day 2 Post-Meeting Reception		

Contributed Talks

Session 2

- Lowell Observatory observations – Narrowband photometry
Dave Schleicher (presented by Matthew Knight)
- Lowell Observatory observations – Imaging
Matthew Knight and Dave Schleicher
- Lowell Observatory observations – Planned observations
Matthew Knight and Dave Schleicher
- OH observations @Green Bank Telescope
Amy Lovell (Agnes Scott College), Arielle Moullet (NRAO), and Ellen Howell (Arecibo)
- Arecibo observations of Comet ISON requested
Ellen Howell
- Submillimeter Array Comet ISON observation plan
Chunhua Qi (Harvard-Smithsonian Center for Astrophysics)
- MAVEN/IUVS observations of ISON
Matteo Crismani (U. Colorado/LASP)

Session 3

- Predicting rotational changes in Comet ISON
Nalin Samarasinha and Beatrice Mueller (Planetary Science Institute)

Session 5

- Modelling of dust tail striae
Geraint Jones (Mullard Space Science Laboratory, University College London)
- New, comprehensive model of atomic sodium tails
Kimberley S. Birkett, Geraint H. Jones, and Andrew J. Coates (MSSL, University College London)
- Isaac Newton Telescope (INT) observations of Comet ISON
Yudish Ramanjooloo (MSSL, University College London)

Session 6

- Multiwavelength “radio” observations of comet C/2012 S1 (ISON)
Stefanie Milam, Adeline Gicquel, Anthony Remijan, Geronimo Villanueva, Martin Cordiner, Y.-J. Kuan, Iain Coulson, Steven Charnley, Michael Mumma, and others

Session 7

- A quick reminder of what Spitzer observations showed us back in Session 2
Yan Fernández (UCF)
- Polarization observations of Comet Lovejoy: Lessons for Comet ISON
William Thompson (GSFC)
- Hubble Space Telescope pre-perihelion ACS/WFC imaging polarimetry of comet ISON (C/2012 S1) at 3.81 AU
Dean C. Hines (STScI), Gordon Videen (SSI,ARL), Matthew M. Knight (Lowell), Evgenij Zubko (U. Helsinki), Michael L. Sitko (U. Cincinnati, SSI), Karri Muinonen (U. Helsinki), Carey M. Lisse (JHU/APL), Yuriy Shkuratov (Kharkov U.), Max Mutchler (STScI), Vadym Kaydash (Kharkov U.), Derek M. Hammer (STScI), and Padma Yanamandra-Fisher (SSI)
- Subaru + COMICS
Takafumi Ootsubo

- Subaru + COMICS
Bin Yang and Karen Meech (presented by Diane Wooden)
- SOFIA + FORCAST
Diane Wooden
- BASS/IRTF observations of Comet ISON
M. L. Sitko, R. W. Russell, P. Yanamandra-Fisher, C. M. Lisse, M. S. Kelley, C. E. Woodward, D. H. Wooden, D. E. Harker, and T. Ootsuba
- Dust composition and variability
Javier Licandro (IAC), Mike Kelley (UMD), Víctor Alí-Lagoa (IAC), Yan Fernández (UCF), Chick Woodward (UMN), Diane Wooden (NASA Ames), and David Harker (UCSD)
- Dust structure+size and variability
Terry Jones, Chick Woodward (UMN), Mike Kelley (UMD), Padma Yanamandra-Fisher (SSI)
- Proposed observations with McMath-Pierce Solar Telescope
Jeff Morgenthaler (PSI), Uwe Fink (U. Arizona), Matthew Knight (Lowell), Casey Lisse (JHU/APL), Gabriel Muro (U. Arizona)
- Comet ISON from Dunn Solar Telescope at National Solar Observatory
D. Wooden, A. Cochran, A. McKay, K. Reardon, G. Cauzzi, G.-P. Tozzi, D. Christian, C. Lisse, J. Morgenthaler
- Hubble Heritage imaging of Comet ISON
Max Mutchler (Space Telescope Science Institute) and the Hubble Heritage Team
- Revisiting the Hubble Observations of ISON from Session 3
Jian-Yang Li