

The Life Cycle of Dust in the Universe

Observations, Theory, and Laboratory Experiments

November 18-22, 2013 Taipei, Taiwan

Late Registration/Poster Submission Deadline: Oct. 25

The Life Cycle of Dust in the Universe: Observations, Theory, and Laboratory Experiments

Time: November 18-22, 2013

Place: Taipei, Taiwan

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This meeting aims to address the life cycle of dust in the Universe, which covers the formation, evolution and destruction of dust in a range of environments, ranging from the smallest to the largest scales. Bringing together observational and theoretical astrophysicists as well as meteoriticists and experimentalists will allow for a cross-disciplinary dialogue.

The meeting follows a successful tradition of astrophysical dust meetings, starting in Albany in 1972, with the latest edition "Cosmic Dust: Near and Far" organized by Th. Henning taking place in Heidelberg in 2008.

Since that meeting, the field of dust astrophysics has made major leaps forward with the hoist of data arriving from such missions as the infrared space telescopes Spitzer, Herschel, and Stardust, the latter returning dust samples from comet Wild-2 currently being studied in the lab. The largest telescope on Earth, ALMA, has recently come online, allowing for investigations into

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www.tinyurl.com/lcod2013

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<p>Invited Speakers</p> <p>Jean-Philippe Bernard (IRAP) Jeroen Bouwman (MPIA) Isabella Cherchneff (Bonn) Fred Claas (Chicago) Karine Danyk (IRAP) Loretta Durne (Canterbury, NZ) Hideaki Fujiwara (NAOJ) Christa Gail (NASA/GSFC) Hiroyuki Hirashita (ASIAA) Edward Jenkins (Princeton) Anthony Jones (UK) Hidehiro Kanada (Nagoya) Sun Kwok (Hong Kong) Scott Messenger (NASA/JSC) Harald Mutschke (Jena) Nathan Smith (Arizona) Angela Speck (Missouri) Sundar Srinivasan (ASIAA) Shogo Tachibana (Tokyo) Sylvana Zhukovska (MPIA)</p> <p>Co-Chair Thomas Henning (MPIA)</p>	<p>Scientific Organizing Committee</p> <p>Arya Andersen (DARK) Maarten Baas (Ghent) El Dwek (NASA/GSFC) Haley Gomez (Cardiff) Karl Gordon (STScI) Lai Hao (Shanghai Obs) Thomas Henning (MPIA) Lindsay Keller (NASA/JSC) Ciska Kemper (ASIAA) Chiyoko Koike (Ritsumeikan) Tiphonie Lee (ASIAA) Margaret Meibner (STScI) Vito Mannella (Obs Capodimonte) Michiel Min (Amsterdam) Takaaki Ohatake (Tokyo) Itzaki Sakon (Tokyo) Raffaella Schneider (Obs Roma) Darach Watson (DARK)</p>	<p>Local Organizing Committee ASIAA</p> <p>Tzuching Chang Cindy Chiu Hiroyuki Hirashita Ciska Kemper Lihwai Lin Su-Hsien Lin Ming-Chang Liu Sheng-Yuan Liu Ji Yeon Seok Sundar Srinivasan Wei-Ho Wang Horny Zhao-Gessler</p>
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Organizers: ASIAA, ASROC
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[open the poster](#)

the origin of dust in the Universe. Thus, this is an excellent time to review the status of the field of dust astrophysics in this meeting.

The meeting aims to create an environment in which all aspects of the life cycle of dust will be discussed, from an astrophysical, chemical and mineralogical perspective, and the effect on a range of environments. Observational insights, theoretical models and experimental approaches all contribute to our view of the life cycle of dust, and the meeting will address new developments and future projects in all these areas.

On behalf of the SOC & LOC,
Ciska Kemper

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IMPORTANT DATES

- 18 July 2013: Deadline for participants from mainland China to apply for a travel permit
 - 7 September 2013: Deadline to submit abstracts of contributed talks
 - 7 September 2013: Deadline of regular registration
 - 25 October 2013: Deadline to submit poster abstracts
 - 25 October 2013: Deadline of late registration
 - 18 - 22 November 2013: Conference dates
 - 23 - 24 November 2013: Optional 2-day excursion
 - 25 - 26 November 2013: Isotope workshop & NanoSIMS inauguration
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Scientific Organizing Committee

Anja Andersen (Dark Cosmology Centre)
Maarten Baes (University of Ghent)
Eli Dwek (NASA Goddard Space Flight Center)
Haley Gomez (Cardiff University)
Karl Gordon (Space Telescope Science Institute)

Local Organizing Committee

Tzuching Chang
Cindy Chiu
Hiroyuki Hirashita
Ciska Kemper
Lihwai Lin
Suh-Lian Lin
Ming-Chang Liu
Sheng-Yuan Liu

Lei Hao (Shanghai Astronomical
Observatory)
Thomas Henning (Max-Planck-Institut für
Astronomie)
Lindsay Keller (NASA Johnson Space
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Darach Watson (Dark Cosmology
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Meetings/Workshops Calendar on Conference-Service.com

Mon, 11 Nov 2013 09:24:41

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Last Updated: 2013-08-26 | Webmaster: web@asiaa.sinica.edu.tw

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