

Newsletter 17-24

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JAMES WEBB SPACE TELESCOPE NEWS

Dear Colleagues,

We would like to draw your attention to the upcoming JWST events for the Planetary Science Community:

JWST proposal workshops

Sept 17-22: EPSC (Riga, Latvia) - proposed

JWST proposal workshop and JWST Townhall

Oct 15-20: DPS (Provo, UT) - proposed

Solar System Workshop (Baltimore, MD)

Nov 13-15: JWST

<https://jwst.stsci.edu/news-events/events/events-area/stsci-events-listing-container/planning-solar-system-observations-with-jwst---stsci-venue?mwc=4> [1]

JWST Solar System Workshop (ESTEC: Noordwijk, Netherlands)

Dec 13-15:

<https://www.cosmos.esa.int/web/jwst-ssws-2017/home> [2]

IMPORTANT REMINDER FOR JWST Cycle 1 Call for Proposals

- General Observer (GO) Cycle 1 Call Released: November 30, 2017
- GTO/ERS targets and APT files finalized: November 15, 2017
- GO Proposal Deadline: March 2, 2018
- JWST launch: October 2018
- Full Science Operations: April 2019

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ALMA LONG BASELINE WORKSHOP (2ND ANNOUNCEMENT)

Mielparque Kyoto, October 3-5, 2017

The Atacama Large Millimeter/Submillimeter Array (ALMA) is now the most powerful mm/submm interferometer in the world, and it is producing a total of > 500 refereed papers in nearly all fields of astronomy and astrophysics. In particular, the ~0.02" submm images obtained during the long baseline campaign in 2014 (ALMA Partnership et al. 2015) have led to numerous publications and followup observational and theoretical studies, signifying the extreme importance of the high resolution imaging capabilities of ALMA.

The scope of this three day workshop is to (1) review the high-resolution ALMA

science results obtained to date, (2) identify detailed science cases for the future baseline expansion of ALMA (e.g. aiming at an angular resolution of $\sim 0.001''$ - $0.003''$), (3) discuss the scientific and technical requirements such as, for example, angular resolution, number and size of the antennas, sensitivity and operational frequency, and (4) review the technical feasibility studies for longer baseline imaging. We envision the output of this workshop to be used as a guideline to pave the pathway for the future expansion of ALMA.

We will have slots available for contributed talks. We will also have space for poster presentations.

Registration is now available from the following website.

<http://alma-intweb.mtk.nao.ac.jp/~diono/meetings/longBL2017/> [3]

IMPORTANT NOTE:

The workshop can accommodate up to ~ 100 participants, and registration will be processed on first-come-first-served basis. Registration will be closed when we reach the maximum number of participants. Please register early.

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ANNOUNCEMENT OF A SPICE TRAINING CLASS

NASA's Navigation and Ancillary Information Facility (NAIF) announces a "SPICE" training class to be held November 7 - 9, 2017, in the Pasadena California area. SPICE is a system used by scientists worldwide to compute observation geometry associated with instruments aboard robotic spacecraft. The class is free and open to all persons, including foreign and commercial. Further



information and a registration form are available
at https://naif.jpl.nasa.gov/naif/WS2017_prelim_announcement [4]

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A CENTURY OF ASTEROID FAMILIES (A FOCUS MEETING AT THE 2018 IAU GENERAL ASSEMBLY)

Dates: 28-30 August 2018

Location: Vienna, Austria

Join us at the 2018 IAU General Assembly for a Focus Meeting celebrating
the centennial of the discovery of asteroid families. Main topics areas include:

- A Look Back: The History of Asteroid Families (before Yarkovsky)
- Families in the Era of the Yarkovsky Effect
- Families as a Probe of Catastrophic Collisions
- Families beyond the Main Belt
- New Results in Asteroid Family Science
- A Look Forward: Predictions for the Future

For more information, visit the meeting webpage:

<http://asteroidfamilies.net/IAU2018/> [5]

On behalf of the SOC:

Joe Masiero (Chair), Miroslav Broz, Valerio Carruba, Alberto Cellino,
Julia de Leon, Patrick Michel, David Nesvorny, Noemi Pinilla-Alonso,
Federica Spoto, David Vokrouhlicky, Fumi Yoshida

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