

First announcement

Bridging Laboratory Astrophysics and Astronomy

A Focus Meeting within the IAU XXIX General Assembly

3 to 5 August 2015

Honolulu Convention Center, Honolulu, Hawaii, USA

astronomy2015.org/focus_meeting_12

Laboratory astrophysics is the Rosetta stone that enables astronomers to understand and interpret the cosmos. This Focus Meeting will discuss the strong interplay between astronomy and astrophysics with theoretical and experimental studies into the underlying processes that drive our Universe. These processes involve atoms, molecules, dust and ices, plasmas, planetary science, and nuclear and particle physics.

The IAU Commission 14 (Atomic and Molecular Data) and the Laboratory Astrophysics Division of the American Astronomical Society (AAS LAD) have coordinated their efforts for a joint meeting at the next GA in the form of a Focus Meeting to help bridge Laboratory Astrophysics and Astrochemistry with Astronomy by bringing together expert data providers and data users of laboratory and astronomical data. This is a truly multidisciplinary meeting that will bring together astronomers with theoretical and experimental chemists and physicists to discuss the state-of-the-art research in their respective disciplines and how their combined expertise can address important open questions in astronomy and astrophysics.

The program will consist of invited review talks by leading astronomers and laboratory astrophysicists at the forefront of the field, invited and contributed topical talks and posters that will provide opportunities for the presentation of new scientific developments, and discussion. For more information, see the website astronomy2015.org/focus_meeting_12.

Interested scientists can register, submit abstracts, arrange lodging and logistics through the IAU General Assembly website www.astronomy2015.org. Early registration is open until 1 Dec 2014.

We look forward to a productive cross-disciplinary exchange of ideas and

hope to see many of you there.

Farid Salama, Lyudmila Mashonkina and Steve Federman on behalf of the SOC

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