

Newsletter 16-22

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IN MEMORIAM: S. ICHTIAQUE RASOOL (1930-2016)

S. Ichtiaque Rasool passed away peacefully on April 20, 2016. Born in 1930 in Lucknow, India, Ichtiaque moved to France where he earned his doctorate in atmospheric sciences in 1956 at the University of Paris and met his wife of 51 years, Francoise. He came to United States in 1961 at the invitation of Robert Jastrow of the Goddard Institute of Space Science and began what turned out to be an amazing 45 year career with NASA eventually retiring from the position of Chief Scientist for Global Change. In 1968, Ichtiaque spent a sabbatical year in Paris, during which he gave lectures that were instrumental in the formation of a planetology group at the Paris Observatory and attracted Catherine de Bergh, Thérèse Encrenaz, and Daniel Gautier to pursue careers in planetary science. While at GISS, he was appointed an editor of the Journal of The Atmospheric Sciences and actively solicited papers on planetary atmospheres. Ichtiaque became a US citizen in 1970 and in 1971

he moved to NASA Headquarters as the Deputy Director for Planetary Programs under Director Robert S. Kraemer when the Grand Tour Mission was under consideration and cancelled and resurrected as Voyager 1 (Mariner Jupiter Saturn) and 2 (Mariner Jupiter Uranus Neptune). During this period there was also

the launch and landing of Viking Spacecrafts on Mars. Later Ichtiaque served as Noel Hinner's Deputy for Science before moving over to the Earth Science side of NASA. After joining GISS he collaborated with Arv Kliore on Mariner radio occultation measurements of the atmospheres/ionospheres of Mars and Venus. With Catherine de Bergh he wrote one of the early papers about the runaway greenhouse on Venus and with Stephen Schneider he raised the issue about the combined effects of large increases in CO2 and aerosols in a Science

publication. He was the recipient of the NASA Medal for Exceptional Scientific Achievement in 1974, the William T. Pecora Award in 2002, and the COSPAR

William Nordberg Medal in 1988. Throughout his career he was a strong

William Nordberg Medal in 1988. Throughout his career he was a strong advocate for international cooperation in Earth and planetary sciences, even during waning years of the cold war. Ichtiaque is survived by his wife, his son, Immanuel Rasool, his daughter, Elisa Petit, and four grandchildren. For those who would like to know more about his unique career, his book entitled "My Life: From Riches to

Rags and (almost) back! A Memoire” is recommended and available from Amazon.com.

Darrell Strobel, Catherine de Bergh, Thérèse Encrenaz, Tobias Owen

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REMINDER: DPS 48/EPSC 11 ABSTRACT DEADLINE MOVED UP ONE DAY TO JUNE 22

As a result of the AAS moving to new offices this month, we have moved up the abstract deadline for this Fall's DPS/EPSC meeting in Pasadena to Wednesday June 22 at 9:00 PM (21:00) Eastern Daylight Time. The AAS will be physically unplugging the servers to migrate them to the new offices on the old deadline date. Apologies for the change, but it's the best solution under the circumstances. Please update your calendars with the new date:

9:00 PM EDT Wednesday June 22, 2016

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HARTMANN STUDENT TRAVEL GRANTS FOR DPS 48/EPSC 11

A generous contribution from William K. Hartmann, supplemented by member contributions and matching funds from the DPS Committee, has enabled a limited number of student travel grants to assist participation by early-career scientists at the annual DPS meeting.

Application details are at https://dps.aas.org/meetings/travel_grant_application [1] Travel grants are primarily intended for students, but post-doctoral scientists

without other means of support will also be considered. The due date for applications is July 8, 2016 11:59 PM.

The DPS Leadership is also soliciting additional contributions from members for the Hartmann Fund. Your tax-deductible gift promotes the careers of our next generation of planetary scientists. Thanks so much for your generosity.

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ABSTRACTS ON LABORATORY RESEARCH FOR PLANETARY SCIENCES

Dear Experimental Planetary Science Colleagues,

The Abstracts deadline is June 22, 2016 for the 48th Division for Planetary

Science (DPS) Meeting jointly with European Planetary Sciences Congress (EPSC) to be held from 16-21 October 2016 at the Pasadena Convention Center, Pasadena, California, USA. You are strongly encouraged to submit abstracts that focus on the main sessions of DPS/EPSC.

This year we are also bringing the Laboratory Astrophysics Division (LAD) of AAS closer to DPS.

We are pleased to inform you that some of the laboratory related abstracts that are selected for oral presentations at the DPS/EPSC will be designated as “jointly with LAD”. If you are not a member of LAD yet, we strongly encourage you to become a member at <https://lad.aas.org/> [2]

As laboratory research is an important aspect of planetary science, strong participation by the LAD community is needed for a successful meeting. A significant presence by the LAD community would greatly enrich the quality

of the scientific discussions that are held at the DPS meeting. In an effort to increase the impact of laboratory research presentations to the community at this meeting, the DPS Science Organizing Committee is committed to integrating these talks and posters within the appropriate planetary science topics, and not relegating laboratory talks and posters to an isolated laboratory session. This is the approach that has been used very successfully for the past several DPS meetings, and we aim to continue this integrated approach. The degree to which we can achieve this will depend on strong participation from the LAD community, so please consider submitting an abstract (abstract submissions is open now through 9:00 pm ET, 22 June 2016) for this year's DPS/EPSC meeting. Please do not hesitate to contact me or Murthy if you have any questions.

If the DPS receives a large number of high-quality abstracts from LAD members, we will be in a better position to highlight some of the accepted talks as "Joint DPS/EPSC and LAD Talks".

Best regards,

Nancy Chanover
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SAVE THE DATE FOR THE FIFTH INTERNATIONAL PLANETARY DUNES WORKSHOP

The Fifth International Planetary Dunes Workshop will be conducted

May 16-19, 2017, at Dixie State University, St. George, Utah. The workshop format will consist of 21/2 days of topical discussions, a poster session/social, and one-day field trip to Zion National Park and Coral Pink Sand Dunes State Park. The workshop will focus on the following science questions: (1) Under what conditions are terrestrial subaqueous dunes a suitable analog for planetary dunes? (2) Can sediment composition be used to better understand sediment source, transport, sorting, and in situ weather processes? (3) Can bedform scale be used to characterize a planetary body's surface-atmosphere interface (e.g., boundary layer, fluid/air properties)? (4) Under what conditions will the principle of equifinality apply and how does this affect our interpretations? More details can be found at <http://www.hou.usra.edu/meetings/dunes2017/> [5]

LTC(Ret) Timothy N. Titus Ph.D. Supervisory Research Space Scientist Mission Operations Group Chief
Astrogeology Science Center

United States Geological Survey

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Send submissions to:
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