IN MEMORIAM: LUCAS KAMP

Dr. Lucas Kamp died of cancer on Sunday, March 30, 2014. He had been ill for approximately 1 year, however he continued his work planning for MIRO Rosetta cometary observations and analyzing Galileo NIMS data right up until his death.

Lucas was born on March 15, 1946 in Kingston-on-Thames, England, U.K. He was raised in the Netherlands, and spoke four languages, English, Dutch, German, and French.

Dr. Kamp received an A.B. in Astrophysical Sciences from Princeton University in 1968. Following that degree he received a Masters degree in 1970 and a Ph.D.in 1972 from the University of Chicago, both in Astronomy and Astrophysics.

From 1972-1974, Dr. Kamp was an NRC Research Affiliate at the NASA Goddard Space Flight Center in Greenbelt, MD. His work consisted of research in model stellar atmospheres, spectroscopy, and radiative transfer, specializing in non-LTE effects in early-type stars.

From 1974 – 1980, he was an Assistant Professor of Astronomy at Boston University. There he taught and worked on the analyses of IUE satellite data. Dr. Kamp joined JPL/Caltech in January 1981 where he remained up until his death. During this time he spent two sabbaticals at Oxford University where he and Professor Fred Taylor modelled near-infrared thermal emission emanating from Venus’s deep atmosphere and surface. During his time at JPL, he worked on numerous spacecraft projects including Voyager, Galileo, Viking orbiter, EPOXI, Rosetta and JUNO. He was a major contributor to the NIMS effort, particularly in the geometric and photometric aspects of NIMS hyperspectral image cubes.

Dr. Kamp was an author or co-author of 190 scientific publications. He received awards from NASA for his work on Cassini, Galileo, Rosetta and EPOXI. He received the NASA Individual Exceptional Service Medal for contributions to Galileo NIMS data processing in October 2003.

Prepared by S. Gulkis, B. Carlson, R. Lopes

REMINDER : EDUCATION OPPORTUNITIES IN NASA STEM (EONS) 2014

NASA's Office of Education is accepting new proposals under the Education Opportunities in NASA STEM (EONS) 2014 NASA Research Announcement for Educator Professional Development (EPD) appendix.

EPD is designed to provide high quality STEM professional development opportunities for formal and
informal educators capitalizing on NASA’s unique assets and capabilities. Pre-service, in-service, and informal educators working with grades K-20 and higher education faculty are considered customers and clients who derive benefits from EPD opportunities. EPD was established to consolidate historically diverse components into a focused effort to ensure operational efficiency while optimizing strategies, methods, and technologies that promote and foster educators’ use of NASA-related content in their instructional activities. Proposals are due June 18, 2014.

For more information regarding these opportunities, please visit the NASA EONS page on the NSPIRES website.

Nick Schneider, DPS Education & Public Outreach officer

---

REMEMBER : 2014 ONLINE MEMBERSHIP RENEWALS

You are receiving this e-mail because you have subscribed to DPS during the past 2 years. If you are one of those who haven’t had the time yet to renew, please take it now by logging in to your membership record (today !) and paying your dues so that you can remain part of the DPS community. To ensure your listing is correct, please take a moment and log in to the Member Pages (http://members.aas.org [2]) and click the Member Profile link to review your information. By renewing online and not receiving a paper renewal, you will help your Society save enormous costs.

Also, please take a moment to update your personal DPS member file.

Thank you for your urgent attention.
Athena Coustenis, DPS Secretary

Send general replies to aas@aas.org [3].

---

CALL FOR AGU 2014 HONORS NOMINATIONS

NOMINATION DEADLINE : APRIL 15, 2014

AGU's diverse awards program recognizes members in all career stages, including early career professionals and students. Presenting an AGU lecture or receiving an AGU award, medal, or prize is a high honor that advances your colleagues’ careers, and establishes them as leaders in the Earth and space sciences.

PLANETARY SCIENCES SECTION AWARDS :

Please review our section’s awards and consider your peers who could benefit from being nominated.

Ronald Greeley Early Career Award in Planetary Science
Whipple Award and Lecture

UNION HONORS :

There are more than 20 AGU Union awards, medals, and prizes. All Union awards and the Climate Communication Prize are interdisciplinary, and recognize outstanding work across scientific fields.
Union medals that would be of interest to our section include the Bowie Medal, given annually to one honoree in recognition for “outstanding contributions to fundamental geophysics and for unselfish cooperation in research.” Other medals that would appeal to our section include the Fleming Medal, Macelwane Medal, and Whitten Medal.

HOW TO NOMINATE:
Visit the AGU Honors website, where awards are categorized by science and section. The Union awards, medals, and prize honors are described in detail, together with their qualifying criteria.

Nominations can be submitted by clicking the button on the right-hand side of any AGU Honors web page.

William McKinnon
AGU Section President, Planetary Sciences

RELEASE OF THE SOLAR SYSTEM OBSERVATIONS WITH JWST PAPER

The JWST Solar System Working Group has released the latest white paper to the community on "Solar System Observations with JWST" by Norwood et al.

Abstract: The James Webb Space Telescope will enable a wealth of new scientific investigations in the near- and mid-infrared, with sensitivity and spatial/spectral resolution greatly surpassing its predecessors. In this paper, we focus upon Solar System science facilitated by JWST, discussing the most current information available concerning JWST instrument properties and observing techniques relevant to planetary science. We also present numerous example observing scenarios for a wide variety of Solar System targets to illustrate the potential of JWST science to the Solar System community. This paper updates and supersedes the Solar System white paper published by the JWST Project in 2010 (Lunine et al., 2010). It is based both on that paper and on a workshop held at the annual meeting of the Division for Planetary Sciences in Reno, NV in 2012.


JOBS/POSITIONS OPPORTUNITIES

For all Job opportunities, please visit http://dps.aas.org/jobs [7]
and also consider posting a job by filling out the jobs submission form at:
http://dps.aas.org/node/add/job [8]

You can send any comments, questions, or suggestions to the DPS Jobs Czar at: dpsjobs@aas.org [9]

A) POST-DOCTORAL POSITION AT UNIV. HAWAII

One postdoctoral position in experimental physical chemistry and chemical physics (reaction dynamics, astrobiology, astrochemistry) is open at the Department of Chemistry, University of Hawai‘i at Manoa, for the period of initially one year to investigate the evolution of organics under a simulated Martian environment. The salary is competitive and commensurate with experience ranging from $ 39,000 to $ 45,000. Successful applicants should have a strong back-ground in experimental reaction dynamics, surface scattering, UHV technology, and VUV laser systems, optical spectroscopy (FTIR, Raman, UVVIS), and gas phase detection techniques (time-of-flight and quadrupole mass analyzer). Programming
experience in C, Labview, and/or Autocad and knowledge in the generation of tunable UV-VUV radiation is desirable. The prime directive of this research project is to investigate the chemical fate of molecules in the extreme environments representative of the surface of Mars. Solid communication skills in English (written and oral) and a strong publication record in internationally circulated, peer-reviewed journals are mandatory. Only self-motivated and energetic candidates are encouraged to apply; please send a letter of interest, three letters of recommendation, CV, which includes a publication list to Brant Jones (brantmj@hawaii.edu) [10], Department of Chemistry & W.M. Keck Research laboratory in Astrochemistry, University of Hawai’i at Manoa, Honolulu, HI 96822-2275, USA. Only complete, electronic applications in pdf format will be considered. The review of applications will start June 1, 2014, with an expected start date of September 2014. A description of the current research group can be found at [http://www.chem.hawaii.edu/Bil301/welcome.html][11] and [http://www.chem.hawaii.edu/Bil301/KLA.html][12].

Forwarded by: Brant Jones (brantmj@hawaii.edu) [10]

B) W.M. KECK RESEARCH LABORATORY IN ASTROCHEMISTRY, AFFILIATE PROFESSORS AND RESEARCHERS

The W.M. Keck Research Laboratory in Astrochemistry at the Department of Chemistry, University of Hawai’i at Manoa, invites applications for Affiliate Professors and Affiliate Researchers to investigate the formation of molecules in extreme environments (low temperature interstellar and Solar System ices) by ionizing radiation. This position is a non-compensatory Board of Regent appointment and renewable annually for a period of initially up to five years. Please send a letter of interest, CV, and publication list to prof. Ralf I. Kaiser, W.M. Keck Research Laboratory in Astrochemistry, Department of Chemistry, University of Hawai’i at Manoa, Honolulu, HI 96822-2275, USA. Only complete, electronic applications in pdf format will be considered (ralfk@hawaii.edu) [13] [http://www.chem.hawaii.edu/Bil301/KLA.html][12] and [http://www.chem.hawaii.edu/Bil301/welcome.html][11].

C) SCIENTIST IN EXPERIMENTAL SPACE PHYSICS IN KIRUNA

The Swedish Institute of Space Physics, Kiruna, Sweden is looking for a Scientist in experimental space physics

The Solar System Physics and Space Technology research programme at the Swedish Institute of Space Physics in Kiruna invites applications for a Scientist position in space research/planetary sciences for the experimental investigation of space plasmas and solar wind-planet interactions.

We are seeking a talented and highly motivated individual who has an excellent record in experimental research, preferably with specialization in one or more of the following fields: particle measurements in space; electrostatic optics; and ions/electron sources and beams. The successful candidate will be involved in hardware development, primarily for the ESA mission to Jupiter, JUICE (Jupiter Icy Moons explorer), but also for magnetospheric missions and missions to Mercury and the moon.

The position requires a PhD degree in experimental space physics or such equivalent research experience that IRF may deem appropriate.

The position is permanent and available immediately.

For further information please contact:
Prof. Stas Barabash, e-mail: stas.barabash@irf.se [14], +46-980-791 22
Trade union representative:
Uwe Raffalski, SACO-S, e-mail: uwe.raffalski@irf.se [15], +46-980-790 21

Review of applications will begin on 21 April and will continue until the position is filled. Applications
should include a complete CV, a publication list, a short description of previous research (max one page), and contact information for three professional references. Applications should be sent, preferably by email, to:
Swedish Institute of Space Physics, Registrar, Box 812, SE-981 28 Kiruna, Sweden or by email to: registrar@irf.se [16]
Reference number: 2.2.1-62/14

D) UWINGU PHD STUDENT TRAVEL GRANTS
PhD students needing funds to report their research results at conferences may apply to Uwingu for travel grants via the form at http://tinyurl.com/Uwingu-TravelAwards [17]; applications are due no later than 11:59 PM PST on 30 April 2014. A total of 10-15 awards are expected to be announced the week of 2 June. Any graduate student completing their PhD in 2014 in planetary science and/or exoplanet studies is eligible. For questions, contact grants@uwingu.com [18]. Uwingu is a space company led by planetary scientists to increase public engagement in space exploration and generate grant funds for space research and education. See www.uwingu.com [19] and http://www.uwingu.com/about-us/who-we-are/ [20] to learn more.

UPCOMING MEETINGS

A) 11TH INTERNATIONAL PLANETARY PROBE WORKSHOP
IPPW-11 will be held June 16–20, 2014, in Pasadena, California on the campus of the California Institute of Technology.

Abstract deadline extended to Monday, 14 April 2014.

To view the instructions for submission and other important information for the workshop, visit the conference website:
http://www.hou.usra.edu/meetings/ippw2014/ [21]

Registration is open at: http://www.hou.usra.edu/meetings/ippw2014/registration [22]

B) STARDUST SECOND TRAINING SCHOOL
Astrodynamics of NEO and Space debris
University of Roma Tor Vergata, 8-12 September 2014

The deadline for the registration to the Second Stardust Training School (STS) titled "Astrodynamics of NEO and Space debris" is:
15 APRIL 2014.

The Second Stardust Training School (STS) is the second network-wide training event, and will be held at the University of Tor Vergata in Rome, Italy on 8-12 September 2014.

The preliminary list of speakers includes:
* Jaques Laskar (IMCCE, France),
* Edmondo Minisci (University of Strathclyde, UK),
* Andrea Milani (Universit di Pisa, Italy),
* Kleomenis Tsiganis (Aristotle University of Thessaloniki, Greece),
* Giovanni Battista Valsecchi (INAF-IPAS, Italy).

More information are available at http://www.strath.ac.uk/stardust/training/ssts/ [23]
The participation to the school is free but registration is compulsory for organizational needs. The deadline for registration is APRIL 15, 2014: http://www.strath.ac.uk/stardust/training/ssts/registration/ [24]

C) 6TH ALFVEN CONFERENCE: PLASMA INTERACTIONS WITH SOLAR SYSTEM OBJECTS: ANTICIPATING ROSETTA, MAVEN AND MARS ORBITER MISSION
7-11 July 2014

Location: University College London (UCL), UK

Abstract submission and registration is open.
Abstract deadline: 7 May
Early registration deadline: 7 May


Main topics: Comets, Mars, Venus, outer planet moons and Earth's moon - especially common processes with comets, and reviewing current knowledge prior to the arrival of the new missions.

PLEASE NOTE: The Tour de France 2014 will take place in London on 7 July. We therefore advise booking accommodation early.
Special early registration rates, and student and early career scientist registration rates are available - details on website

Meeting theme -
Within our solar system, the planets, moons, comets and asteroids all have plasma interactions. The interaction depends on the nature of the object, particularly the presence of an atmosphere and a magnetic field. Even the size of the object matters through the finite gyroradius effect and the scale height of cold ions of exospheric origin. It also depends on the upstream conditions, including position within the solar wind or the presence within a planetary magnetosphere. In the year when ESA's Rosetta will reach comet Churyumov-Gerasimenko, NASA's Maven and ISRO's Mars Orbiter Mission will reach Mars, and ESA's Venus Express mission is almost complete, this conference will explore our understanding of plasma interactions with comets, Mars, Venus, and inner and outer solar system moons. We will explore the processes which characterise the interactions such as ion pickup and field draping, and their effects such as plasma escape. Data from current and recent space missions, modelling and theory are all encouraged, as we explore our local part of the 'plasma universe'.

Confirmed invited speakers: David Andrews, Stas Barabash, Dave Brain, Tom Cravens, Konrad Dennerl, Wing Ip, Bruce Jakosky, Xianzhe Jia, Geraint Jones, Esa Kallio, Christoph Koenders, Rickard Lundin, Christian Mazelle, Chris Paranicas, Martin Rubin, Yoshifumi Saito, Joachim Saur, Jim Slavin, Matt Taylor, Oleg Vaisberg and Olivier Witasse.

Contacts: Andrew Coates (convener) and Anne Wellbrock (LOC co-chair), on behalf of the LOC and SOC

D) SYMPOSIUM IN HONOR OF LARRY SODERBLOM
Dear Friends.
We invite you to a celebration in honor of Larry Soderblom’s 70th birthday, to occur Sunday, July 20th at the Arizona Snowbowl, in Flagstaff, AZ.

We are planning a one-day symposium highlighting Larry’s involvement in our exploration of the Solar System and the history of the USGS Astrogeology Science Center, followed by an evening of dining, chatting, and roasting. We anticipate that the day’s food will cost on order of $50 per person. If you are interested in attending, please RSVP at http://las70.splashthat.com [28]

Sincerely,
The Local Roasting Committee
(Bob B., Lisa G., Ken H., Torrence J., Randy K., Alfred M., Jason S., Joe V.)

E) 2ND INTERNATIONAL WORKSHOP ON INSTRUMENTATION FOR PLANETARY MISSIONS
Call for Papers
Submission Deadline: July 28, 2014

The objective of the International Workshop on Instrumentation for Planetary Mission is to have a broad canvas of instrumentation and technology available to 'Decadal Survey' missions and those further out. It is also meant to be a forum of collaboration, exchange and discussions where science questions, and the technology needed to address them, are discussed.

The website for the workshop has been updated. Included on the website is the call for papers, registration information and form, plus lodging information.

To view the current information, visit the workshop website: http://ssed.gsfc.nasa.gov/IPM/ [29]

F) EUROPEAN PLANETARY SCIENCE CONGRESS 2014 – EPSC2014
07 – 12 September 2014
Cascais, Portugal


Abstract deadline: 6 May 2014.

The international community of planetary scientists is invited to submit an abstract for presentation of their recent work at the EPSC 2014 Meeting, which will take place at the Centro de Congressos do Estoril, Cascais, Portugal, 07-12 September 2014.

The meeting will consist of oral and poster sessions, as well as workshop-style sessions. We expect a very well attended meeting, with many high quality presentations.

The current list of sessions is organized around the following topics:
TP Terrestrial Planets
GP Giant Planet Systems
MG Magnetospheres and Space Physics
MTI Missions, Techniques and Industry
MTW MT Technology Foresight Workshops
EX Exoplanets and Origins
AB Astrobiology
SB Small Bodies
PD Planetary Dynamics
LF Laboratory and Field Investigations
OEP Outreach, Education, and Policy
AM Amateur Astronomy
CP Comparative Planetology
The scientific program and abstract submission are accessible at: http://meetingorganizer.copernicus.org/EPSC2014/sessionprogramme

Please browse the list of sessions and identify the session that most closely matches your area of interest; your abstract can then be submitted directly to that session. The session conveners, together with the Scientific Organizing Committee, will finalize the science program shortly after the abstract deadline.

Information on registration, accommodation, travel routes, visa requirements and social events will become available soon on the meeting web site.

---------------------------------------

Note the:
- Special Session at the European Planetary Science Congress 2014
  Session MT13: Planetary Science with the James Webb Space Telescope (JWST)
  http://meetingorganizer.copernicus.org/EPSC2014/session/16816
  Convener: P. Ferruit

Abstract: Scheduled for launch in October 2018, the James Webb Space Telescope (JWST) will be one of the major space observatories of the next decade. JWST and its instrument suite will allow planetary scientists and astronomers to perform imaging and spectroscopy over the 0.6 to 28 micron range with unprecedented sensitivity. JWST is designed to observe solar system objects beyond earth orbit having apparent rates of motion up to 30 milliarcseconds/second, i.e. planets, satellites, asteroids, trans-neptunian objects and comets. JWST will also allow to look beyond our solar system and to study exo-planets.
This session will be dedicated to presentations of planetary science (both in our solar system and in other stellar system) that could be conducted with JWST.

G) AGU FALL MEETING : CALL FOR SESSION PROPOSALS

Have a topic or idea you'd like to present at the 2014 AGU Fall Meeting? Now is the time to submit a session proposal.

Submission deadline: 16 April 2014, 11:59 p.m. EDT.

http://fallmeeting.agu.org/2014/scientific-program/session-proposal-guideline/ [33]

Send submissions to:
Athena Coustenis, DPS Secretary (dpssec@aas.org [34])

To unsubscribe visit http://aas.org/unsubscribe [35] or email unsubscribe@aas.org [36]. To change your address email address@aas.org [37].
• History
• Bylaws
• Giving

Source URL: https://dps.aas.org/newsletters/14-8

Links:
[3] mailto:aas@aas.org
[9] mailto:dpsjobs@aas.org
[10] mailto:brantmj@hawaii.edu
[13] mailto:ralfk@hawaii.edu
[14] mailto:stas.barabash@irf.se
[15] mailto:uwe.raffalski@irf.se
[16] mailto:registrator@irf.se
[18] mailto:grants@uwingu.com
[23] http://www.strath.ac.uk/stardust/training/ssts/
[34] mailto:dpssec@aas.org
[36] mailto:unsubscribe@aas.org
[37] mailto:address@aas.org