

**Minutes of the GPAP Business Meeting
Wednesday 2 November 2016
APS Division of Plasma Physics Meeting
San Jose, California**

Author: Gregory Howes

Reviewer: Ivo Furno

Meeting Chair: Gregory Howes, GPAP Chair-Elect

I. Approval of Minutes

The minutes of the previous GPAP business meeting, 11/17/2016, which had been distributed to all GPAP members by e-mail on 10/12/2016, were approved unanimously.

II. Election Results

A. Results of the October 2016 GPAP election were

Vice-Chair: (3 year Chair cycle, 11/2016-10/2019)

Toshiki Tajima (University of California, Irvine)

Executive Committee Members-At-Large: (11/2016-10/2019)

Paul Cassak (University of West Virginia)

Christopher H. K. Chen (Imperial College)

Jason TenBarge (University of Maryland)

B. Current GPAP Executive Committee for the 11/2016-11/2017 year

Chair: Greg Howes (University of Iowa)

Chair-Elect: Merav Opher (Boston University)

Vice-Chair: Toshiki Tajima (University of California, Irvine)

Past Chair: Mikhail Medvedev (University of Kansas)

Secretary-Treasurer: Ivo Furno (Ecole Polytechnique Federale de Lausanne)

Executive Committee Members-at-Large:

Virginia Trimble (UC Irvine)

Stas Boldyrev (University of Wisconsin)

Paul Cassak (University of West Virginia)

Christopher H. K. Chen (Imperial College)

Jason TenBarge (University of Maryland)

III. Fellowship

Two new APS GPAP Fellowships were awarded in 2016:

Fausto Cattaneo (University of Chicago): *For leadership in applying advanced computations to problems of astrophysical convection and the evolution of astrophysical magnetic fields, and elucidating the physics of both small and large spatial scale*

astrophysical magnetic field generation, magnetized accretion disks, and magnetohydrodynamic turbulence.

Herb Funsten (Los Alamos National Laboratory): *For pioneering discoveries of the global structure and dynamics of the plasma interaction of the heliosphere with the interstellar medium, and for leadership of the instrumentation that enabled these discoveries.*

IV. Finances

Ivo Furno, Secretary-Treasurer of the GPAP prepared a report on the Topical Group Finances, which was presented at the meeting by Chair-Elect Greg Howes:

Available Funds as of 9/30/2016	\$34,785.49
2015 Dues	\$2,070.00
2015 Investment Income	\$703.78
Net Revenue	\$2,773.78

V. Announcements

A. Several upcoming events of importance to the GPAP community were announced

1. DOE Plasma Science Frontiers Report: This report, with the final version due out soon, has a good representation for plasma astrophysics.

2. Physics of the Solar Wind Campaign, Basic Plasma Science Facility, UCLA

As part of the five-year renewal for the Basic Plasma Science Facility (BAPSF) at UCLA, the BAPSF is supporting a campaign to explore the physics of the solar wind in the laboratory. This is a good opportunity for the GPAP community to interact meaningfully with the more traditional laboratory plasma physics community.

3. Exploring the Physics of Space Plasmas in the Laboratory Workshop: 10-12 April 2016, UCLA

As a kickoff for the Physics of the Solar Wind campaign at the BAPSF, campaign leader Greg Howes is organizing a workshop to bring laboratory experimentalists together with theorists, simulators, and spacecraft instrumentalists to map out collectively a strategy for future efforts and collaborations that can exploit laboratory facilities to understand better the fundamental plasma physics mechanisms at play in space plasmas.

Invitations for talks and registration details the week of 7-11 Nov 2016.

4. DIII-D Frontier Plasma Science Program

The DIII-D Executive Committee is supportive of an effort to open up DIII-D for non-fusion plasma experiments, possibly including experiments relevant to space physics and plasma astrophysics.

VI. GPAP Recruitment

As usual, we are always on a push to increase GPAP membership. Please encourage young scientists to join our ranks. We are also going to pursue, with the new GPAP Executive Committee, getting some nice table clothes made to use at recruitment tables at upcoming conferences, including APS DPP, APS April Meeting, AAS, AGU, and more.

VII. GPAP Sponsorship of Joint Sessions and Mini-Conferences

GPAP has had a rather successful run of recently sponsored sessions at different conferences, including:

- 2014 DPP: Van Allen 100 Mini-Conference: Waves and Particles in Space and Astrophysical Plasmas
- Special Topics Section of *Physics of Plasmas* for Van Allen 100 Mini-Conference
- 2014 DPP: The Magnetic Universe Mini-Conference: In Honor of Stirling Colgate
- 2015 DPP: Plasma Energization Mini-Conference: Interactions Between Fluid and Kinetic Scales
- 2016 DPP: Physics of the Radiation Belts (not officially sponsored by GPAP, but complementary to our interests)

New ideas should be found for mini-conferences and GPAP should solicit contributions from the members by email.

One new suggestion raised at the meeting was to propose a Mini-Conference on the Plasma Physics of the Solar Probe Plus mission for the next APS DPP meeting in Milwaukee next year.