

DIVISION XI / WG

ASTRONOMY FROM THE MOON

CHAIR

Sallie L. Baliunas

VICE-CHAIR

Yoji Kondo

PAST CHAIR

Norio Kaifu

MEMBERS

Oddbjorn Engvold, Norio Kaifu,
Haruyuki Okuda, Yervant Terzian,
Willem Wamsteker († 24 November 2005)

PROCEEDINGS BUSINESS MEETING on 23 August 2006

1. Introduction

The Business Meeting opened with a recall of the memory of a member of the Organizing Committee, Willem Wamsteker. N. Kaifu, past president of the Working Group, was thanked for his outstanding service.

2. Inter-divisional status of Working Group proposed

Discussion ensued of broadening the Working Group to an inter-divisional status, should the Working Group status be renewed by Division XI (*Space and High-Energy Astrophysics*).

It was proposed that the Working Group ask to be extended to Divisions IX (*Optical and Infrared Techniques*), Division X (*Radio Astronomy*), as well as the mother Division XI.

G. Hasinger subsequently related that the IAU EC had agreed to extend the Working Group to inter-divisional status to span Divisions IX, X and XI.

3. Working Group tasks

H. Okuda remarked on the welcome, new opportunities emerging across the world for lunar research. Such projects necessarily will be large in scope and infrastructure, requiring international cooperation. The Working Group could provide a forum for the cooperative, international exchange of information.

H. Okuda also asked the Business Meeting's participants to discuss and generate proposals for the 2009 IAU XXVII General Assembly concerning astronomy from the moon.

It was agreed that the Working Group would continue to discuss, largely electronically, several matters:

- (i) a WG proposal for a Joint Discussion at the 2009 IAU GA, mindful of the fact that the proposal should be oriented toward science results, and that the due date for proposals is 15 December 2007;
- (ii) summarizing the objectives of the reorganized WG;
- (iii) consideration of information on the impact of electromagnetic pollution in the lunar environment on scientific research plans; and
- (iv) advancing the exchange of information among those interesting in WG activities.

The website <<http://www.cfa.harvard.edu/moon>> was created for the distribution of WG material.

4. Science presentations

Following the Business Meeting was an excellent series of science presentations, as listed below:

SMART-1 and *Aurora*, B. Foing *et al.* (read by L. Gurvits)

SELENE, by M. Kato

SELENE II, by M. Kato

Chang'e 1, by M. Huang

LOFAR on the moon - a lunar low-frequency radio telescope and more, by H. Falcke

Radio astronomy view at the Moon and from the Moon, by L. Gurvits

Investigation in Japan on astronomy from the Moon, by N. Kawano

Long Wavelength Astrophysics from the Moon, by J. Lazio

Optical and UV Interferometry from the Moon, by P. Chen, Y. Kondo, E. Guinan, F. Bruhweiler and S. Baliunas

The Moon – 2012+, A. Gusev

5. New Organizing Committee

Sallie Baliunas (chair, USA) and Yoji Kondo (vice-chair, USA). Members: Oddbjorn Engvold (Norway), Karel A. van der Hucht (Netherlands), Norio Kaifu (Japan), Haruyuki Okuda (Japan), and Yervant Terzian (USA).

6. Closing remarks

The meeting was adjourned at the close of science presentations and discussion. I am grateful for the enthusiasm of participants in delivering what were excellent talks.

Sallie L. Baliunas
chair of the Working Group