

**Ken Kellermann (USA)**  
**Alain Lecacheux (France)**  
**Masaki Morimoto (Japan)**  
**Slava Silysh (Russia)**

**Govind Swarup (India)**  
**Hugo Van Woerden (The Netherlands)**  
**Jasper Wall (Canada)**  
**Richard Wielebinski (Germany)**

## IAU HISTORICAL INSTRUMENTS WORKING GROUP. TRIENNIAL REPORT (2003–2006)

### 1 Introduction

The Organizing Committee of the Working Group for 2003–2006 comprised: Nha Il-Seong (Korea, Chair), Juergen Hamel (Germany), Kevin Johnson (UK), Tsuko Nakamura (Japan), Wayne Orchiston (Australia) and Sara Schechner (USA).

Activities of this WG can be summarized in yearly base as below.

### 2 Activities in the 2003–2004

1. At the IAU General Assembly in Sydney, the following papers were presented and some of them have been published in the issues of the *Journal of the Antique Telescope Society*:

- Johnson, K. "A glimpse at the astronomy heritage of the Science Museum, London."  
 Kaptueg, V.B., Chubey, M.S., Vereshchagin, S.A., and Sokolov, Y.A. "On recovery and research work at the Russian Struve station in Gogland."  
 Lomb, N. "Historically significant astronomical instruments at Sydney Observatory."  
 Orchiston, W. "History of the 'Catts Telescope': a nineteenth century 20-inch Grubb reflector."  
 Pigatto, L., Tomasella, L., and Zanini, V. "Telescopes at the Astronomical Observatory of Padova, Italy. From the last refractor to the first reflector."  
 Shankland, P.D., and Orchiston, W. "Lost and found: saga of the historic Clark refractor at the U.S. Naval Academy."  
 Watson, F. "James Gregory and the invention of the Cassegrain telescope."

2. The following ten papers have been published in *Astronomical Instruments and Archives from the Asia-Pacific Region*. Orchiston, W., Stephenson, R., Débarbat, S., and Nha, I.-S. (eds.). Seoul, Yonsei University Press and IAU C41, 2004:

- Nha, I.-S. "King Sejong's sundial, Anbu Ilgui." Pp. 21–26.  
 Nha, Sarah L. "A progress report on the C41/ICHA Historical Instruments Working Group web site." Pp. 29–34.  
 Debarbat, S. "Korean instruments preserved in the Paris Observatory collections." Pp. 121–124.  
 Ohashi, Y. "Medieval Indian astronomical instruments and archives." Pp. 125–128.  
 Bandyopadhyay, A. "The famous sun-temple of Konarak and Maharaja Jai Singh's Observatory at Jaipur: outstanding historic astronomical instruments in India." Pp. 129–133.  
 Setyanto, H. "Rubu al-MUJAYYAB: concept and practice in Indonesia." Pp. 135–140.  
 Fountain, J., and Abt, H.A. "Chinese jade serrated Bi discs as astronomical instruments." Pp. 141–144.  
 Allen, C. "The Frisius-Arsenius astrolabe in the National History Museum, Mexico." Pp. 145–148.

- Batten, A.H. "The 72-inch Plaskett Telescope in Victoria, B.C." Pp. 151–156.  
 Orchiston, W. "The rise and fall of the Chris Cross: a pioneering Australian radio telescope." Pp. 157–162.

### 3 Activities in the 2004–2005

1. A list of references dealing with historic astronomical instruments was published in the *Journal of Astronomical History and Heritage*, Volume 7, pp. 57–58, 2004.

2. For four days in October, 2004, the Fifth International Conference on Oriental Astronomy was held in Chiang Mai, Thailand. The following three papers about instruments were presented:

- Guan, Z. "The historical and cultural value of Dengfeng Observatory."  
 Nha, S.L. "Progress report on the IAU Historical Instruments Working Group web site: the classification of Korean and Chinese sundials."  
 Nha, I.-S., Oh, G., and Chen, K. "Xin'an Xiuyu, a city of Chinese sundials and compasses."

### 4 Activities in the 2005–2006

Three conference proceedings of the International Conference on Oriental Astronomy are currently in press:

- Highlights of Oriental Astronomy*, Proceedings of the Second International Conference on Oriental Astronomy (eds. Chen, Kwan-Yu, Bo Shuren and Sun, Xiaochun).  
 Proceedings of the Fourth International Conference on Oriental Astronomy (eds. Strom, Richard and Liu, Yongping).  
 Proceedings of the Fifth International Conference on Oriental Astronomy (eds. Chen, K.-Y., Orchiston, W., Soonthornthum, B., and Strom, R.).

### 5 Overall in the 2003–2006

In addition to lists of publications in each year-term above, there is one other major achievement relating to our WG. This is the web site set up by Sarah Nha to inventory historically-significant astronomical instruments world-wide. As is reported in the *Journal of Astronomical History and Heritage*, the URL is: <http://www.nhamuseum.org/WG> However, this web site is still being developed and the final classification of instruments it will contain has yet to be finalized. One of those working on a suitable thesaurus for this is WG Committee member, Juergen Hamel.

**Nha Il-Seong (Chairman)**