

The Fifth Symposium on Historical Astronomical Records and Modern Science

Date: March 22–24, 2018

Place: Lecture Room: C2-119 (March 22, 23)
Conference Room: C4-102 (March 24)
National Astronomical Observatory of Japan (NAOJ)
2-21-1, Osawa, Mitaka, Tokyo 181-8588, Japan

March 22 10:00–18:10 (English Session)

10:00–10:05 Mitsuru Sôma (NAOJ, Japan) “Opening Address”

10:10–10:40 Ma Liping (National Time Service Center, China)
“Cosmic Events in Memoir of Ming Dynasty”

10:45–11:15 Sang-Hyeon Ahn (Korea Astronomy and Space Science Institute, Korea)
“The Observabilities of historical solar eclipses of ancient Korea and China”

11:20–11:50 Choi GoEun (Korea University of Science and Technology, Korea)
“The verification of solar eclipse calculation in Zhongxiu-Daming Calendar”

<Lunch break after taking a group photo>

13:20–13:50 Geetha Kydala Ganesha (National Institute of Prakit Studies and Research, India)
“A study of Lunar eclipse records in Karnataka and surrounding regions”

13:55–14:25 Qu Anjing (School of Mathematics, Northwest University, China)
“How did Chinese Draw a Star Atlas”

14:30–15:00 Ramesh Kapoor (Indian Institute of Astrophysics, India)
“Comet tales from India as told in old and medieval texts”

15:05–15:35 Hisashi Hayakawa (Osaka University, Japan)
“Overview of Oriental Sunspot Observations: Historical Perspective to Modern View”

<20m coffee break>

15:55–16:25 Frédéric Clette (Royal Observatory of Belgium, Belgium)
“The Sunspot number: historical base, current recalibration and scientific impact”

16:30–17:00 Akito D. Kawamura (Kyoto University, Japan)
“Historical Auroral Storms of 1770 in the view of Solar Physics”

17:05–17:35 Ockie Simmonds (Institute of Māori Astronomy Research and Traditions, New Zealand)
“A specific period in 1400 AD when Māori arrived in Aotearoa - New Zealand”

17:40–18:10 Kiyotaka Tanikawa (NAOJ, Japan)
“ ΔT around AD 1415”

March 23 10:00–17:30 (Japanese Session)

10:00–10:30 Yoshihito Sakai

“Reflector Optical System of Kunitomo Telescope and a Study on its Production”

10:40–11:10 Yasuyuki Mitsuma (University of Tokyo)

“Astronomical Diaries from Babylonia: its Outline and Auroral Activity Records”

11:20–11:50 Keitaro Takahashi (Kumamoto University)

“Astronomical research during and after the World War II in Japan”

<Lunch break after taking a group photo>

13:30–14:00 Toshio Uchida (Chiba University of Commerce)

“Theory of the Synthesis of Elements – Summary”

14:10–14:40 Kiyomi Iwahashi (National Institute of Japanese Literature)

“Aurora of AD 1770 appearing in Seikai”

14:50–15:20 Ken-ichi Otsuji (Kyoto University)

“Contents of the Sunspots Observation data in the Tenpo period”

<20m coffee break>

15:40–16:10 Nagatoshi Nogami (IMO)

“Records of Sekki of AD 1770 in China”

16:20–16:50 Akira Okazaki (Professor Emeritus at Gunma University)

“Planetary Phenomena in the Historical Records in Vietnam”

17:00–17:30 Seiichi Sakuma (VSOLJ)

“Prof. E.C. Pickering's Study for Visual Photometry by W. Herschel”

18:00– Dinner Party

March 24 10:00–18:10 (Japanese Session)

10:00–10:30 Seiji FUJINO (Professor Emeritus at Kyushu University)

“The first president Dr. Hisashi Terao of Tokyo Astronomical Observatory and his excellent brothers”

10:40–11:10 Yukie Baba (Hitotsubashi University)

“Documentary Film of Making Spider Silk for Cross-Hairs in Mizusawa”

11:20–11:50 Noriaki Watanabe (Chiba University of Commerce)

“Maupertuis’ Report”

<Lunch break after taking a group photo>

13:30–14:00 Yukio Ôhashi

“The multiplex structure of the traditional Southeast Asian astronomy”

14:10–14:40 Yoshikazu Watanabe (Numazu City)

“Study on the Fall of Nagara-Meteorite”

14:50–15:20 Takashi Suga (Koyomi no kai) & Yoichi Isahaya

“Reconstructing the Chinese-Hijri Calendar Conversion Table in the *Ilkhanid Astronomical Handbook*: Reconsidering the Inter-Dynastic Exchange of Astral Sciences in Mongol Eurasia”

<20min coffee break>

15:40–16:10 Masanori Hirai (Fukuoka University of Education / Gekko Observatory)

“Decorated tombs in northern Kyusyu”

16:20 – 16:50 Tomoko Fujiwara (Japan Spaceguard Association), Masanori Hirai (Fukuoka University of Education / Gekko Observatory) and Shin-ya Narusawa (Center for Astronomy, University of Hyogo)

“Investigation of stars with large increases in brightness through historical catalogues”

17:00–17:30 Kazushi Sakka (The Kyoto College of Graduate Studies for Informatics)

“Natural Disasters at the Time of Himiko”

17:40–18:10 Mitsuru Soma (National Astronomical Observatory of Japan)

“Accuracy of the Times of Sunrise and Sunset in Midou Kanpakuki”