

EAMA5

The 5th East Asian Meeting of Astronomy

Reported by

Chi Yuan

ASIAA

The History of EAMA

- 1990 Meeting on Star Formation Regions, Huang-Shan , China
- 1992 North-East Asian Regional Meeting on Recent Development in mm and IR Astronomy, Yusong, Daejon, Korea
- 1993 Site Survey Trip in Qinghai & Xinjiang, Followed by a Meeting in Beijing
- 1995 EAMA3: Ground-based Astronomy in Asia, Tokyo, Japan
- 1999 EAMA4: Observational Astrophysics in Asia and Its Future, Kunming, China

EAMA's Goals

- To promote regional cooperation of research in astrophysics
- To encourage scientific exchange among the participating regions
- To build a Pan Asian Observatory in the region (eventually)
- To form an organization like ESO

EAMA5

The 5th East Asian Meeting of Astronomy

To Promote Regional Cooperation of Research
in Astronomy and Astrophysics in East Asia

November 13, 2001

Taipei

National Taiwan University

November 14-16, 2001 **Taroko**

Grand Formosa Hotel

AREAS COVERED

- Recent Developments and Achievements of Astronomical Research in East Asia
- Future Plans for the Research Facilities in the Region
- Research Opportunities for Cooperation
- Exchange Programs and Joint Projects

Opening Speech by Yuan-Tseh Lee

(President of Academia Sinica)

Welcome Speech by Maw-Kuen Wu

(Deputy Director of National Science Council)

SOC Y.I. Byun, J.S. Chen (co-chair), S.H. Cho, M. Hayashi, S.S. Hong, M. Inoue, W. Ip, N. Kaifu (co-chair), L.C. Lee, Y. Li, C.P. Liu, K.Y. Lo, Y. K. Minn (co-chair), S. Sato, J. Yang, C. Yuan (co-chair), G. Zhao

LOC M. Choi, N. Hirano, J. Lim (chair), C.C. Lin, S.Y. Wang, L.S. Wang, Y.C. Wei

Website: <http://eama5.asiaa.sinica.edu.tw/>

Sponsored by Academia Sinica



Delegations

- Mainland China: 13 members, Co-chair Jian-Sheng Chen
- Japan: 12 members, Co-chair Norio Kaifu
- Korea: 13 members, Co-chair Young-key Minn
- Taiwan: 12 members, Co-chair Chi Yuan

EAMA5 Group Photo



First Day's Program

Nov 12(Mon)	<p>Arrive and Check-in <u>Howard International House</u> (5-min walk walk to conference site, <u>Physics & CMS Building, Taida</u>)</p> <p>18:30 SOC meeting with dinner at First Student Activity Center, National Taiwan University</p>
Nov 13(Tue)	<p>General Reports, Taipei(National Taiwan University, Physics Building)</p> <p>08:00 <u>Registration at Physics & Condensed Matter Sciences Building</u></p> <p>8:50-9:00 Opening Speech by Yuan-Tseh Lee[President of Academia Sinica] Welcome Speech by Maw-Kuen Wu[Deputy Director of National Science Council] (Chair:Fred Lo)</p> <p>09:00-10:40 <u>General Reports by Japanese delegation</u> (Chair:Fred Lo) Introduction: N. Kaifu Nobeyama: N. Nakai RAINBOW: R. Kawabe & N. Nakai Subaru: I. Noumaru Univ. Activities: S. Sato VERA: M. Honma</p> <p>10:40-11:00 Coffee Break</p> <p>11:00-12:30 <u>General Reports by Korea delegation</u> (Chair:Lou-Chuan Lee) Introduction: Y.K. Minn Korea VLBI: J.K. Jung BOAO(Bohyusan): K.M. Kim SNU 6m Radio Tel: Y.S. Park GALEX: Y.J. Byun</p> <p>12:30-12:45 Photograph</p> <p>12:45-14:00 Lunch(Lunch boxes provided)</p> <p>14:00-15:30 <u>General Reports by Mainland China delegation</u> (Chair:Wing Ip) Introduction: J.S. Chen Optical Astronomy: G. Zhao LAMOST: Y.H. Zhao Space Solar Tel.: S.Z. Jin VLBI: D.R. Jiang</p> <p>15:30-15:50 Coffee Break</p> <p>15:50-17:20 <u>General Reports by Taiwan delegation</u> (Chair:Norio Kaifu) Introduction: F.K.Y. Lo SMA: N. Ohashi TAOS: T. Lee TON: D.Y. Chou Space Program: L.C. Lee AMBA: F.K.Y. Lo</p> <p>18:30-20:00 Dinner Hosted by President Yuan-Tseh Lee at Howard International House</p>

Second & Third Day's Program

Nov 14(Wed)	To Taroko Gorge by Train and late afternoon session at <u>Grand Formosa, Taroko</u>
07:40-08:20	Bus to Taipei Train Station
08:40-11:30	Train to Hua-Lien
12:00-13:00	Lunch
13:00-15:30	Taroko National Park Tour, coaches to Grand Formosa, Taroko
15:30-16:30	Check in to the hotel
16:30-18:00	Buffet Dinner
18:00-19:50	<u>Evening Session: Opportunities for Cooperation</u> (Chair:li Yang)
	Subaru: J. Nomaru ASTE: H. Ezuma VLBI: I-K. mm-VLBI, VERA-KVN: M. Inoue Korea-Japan VLBI: S.H. Cho Future VLBI: M. Inoue Space VLBI: H. Hirabayashi
19:50-20:10	Tea and Refreshment
20:10-21:30	<u>Evening Session: 2m class telescope</u> (Chair:Seung-Soo Hong)
	2m at Lijiang: Y. Li NEO of PMO: Y.H. Ma 2m at Lulin: W.F. Chen East-Asian Obs.: M. Kurita & S. Sato Sites in China: G. Zhao & J.Y. Hu
Nov 15(Thu)	Morning and Evening Sessions, and Hiking and Excursions in the afternoon
08:30-10:10	<u>Future Plans</u> (Chair:Ian-Sheng Chen)
	Japanese Astronomy: N. Kaifu ALMA: R. Kawabe WIRCAM-CFHT: S. Hyung WIRCAM-CFHT: T. Lee CASCAM: Y.Q. Yao All Sky Variability Survey: Y.J. Bruyn
10:10-10:30	Coffee
10:30-12:00	<u>Radio Astronomy and Others</u> (Chair:YoungKey Mann)
	500m tel.: B. Feng Portable Sub-mm: J. Yang SMA and SIS: S.C. Shi Urumpi Pulsar Obs: Y. Ali Astro-F: H.M. Lee CosPa Theory: P. Huang CFD-MHD Initiative: C. Yuan
12:00-13:00	Lunch
13:00-17:30	Hiking and Excursions
17:30-19:00	Buffet Banquet
19:00-21:30	<u>Science Session</u> (Chair:Suji Sato)
	Subaru Obs. of LI551 jet: T.S. Pyo Galactic Central Regions: C. Yuan Jeans-Farber Instability in the Galaxy: S.S. Hong Cometary Research in Taiwan: W. Ip Lyman Alpha Transfer in Starburst Galaxies: H.M. Lee

Fourth Day's Program

Nov 16(Fri)	Morning Session and Return to Taipei
08:30-10:10	<u>Implementation of Plans and Action Items I</u> (Chair:Fred Lo) (Panel: J.S. Chen, N. Kaifu, F. Lo, Y.K. Minn) Items to be discussed: (a) Access to Observation Facilities in Asia (b) Exchange of Researchers, Postdocs, Students, Engineers (c) Sponsorship of Activities for Young Astronomers
10:10-10:30	Coffee
10:30-11:30	<u>Implementation of Plans and Action Items II</u> (Chair:Nario Kaifu) (Panel: J.S. Chen, N. Kaifu, F. Lo, Y.K. Minn) Items to be discussed: (d) Future Organization of Asian Cooperation and EAMA (e) Plans for Joint Workshops and Training/Schools (f) Radio Frequency Protection in East Asia (by M. Ohishi)
11:30-12:00	General Discussion, Next EAMA and Summary_by Chi Yuan (Chair:Nario Kaifu)
12:00-13:00	Lunch
13:20	Leave for Hualien
15:45-18:30	Train to Taipei
18:30-19:30	Bus to Howard International House, Academia Sinica, Nankang, Taipei

Japanese Projects

- NAOJ-Nobeyama: NMA, Rainbow, BEARS
- NAOJ-Subaru: CISCO-OHS, IRCS, FOCAS, AO, COSMICS, CIAO, FMOS, MOIRCS
- NAOJ-Atacama: ASTE, ALMA
- NAOJ-VLBI: VERA (-KVN)
- NAOJ:TAMA
- ISAS: VSOP, VSOP-2, EVN
- ISAS: Lunar-A, Astro-F, Astro-E2, Solar-B, SELENE, SPICA, SELENE-II
- Universities: LIPS, MAGNUM, Fuji-SMT, Nanten mm-T, 1.6m NIR Survey Tel, etc.

Korean Projects

- Korean VLBI
- VERA-KVN
- BOAO (Bohyunsan)
- Galex (10M for 10 yr, software development)
- 6m Souel National Radio Tel, Daejon
- YUO: YSTAR
- Astro-F (n-m IR)
- WIRCAM (CFHT)

Mainland Chinese Projects

- NAO: LAMOST
- NAO: FAST
- NAO: Space Solar Tel
- NAO (Yunnan Obs): 2m Gaomeigu Tel
- NAO: Site survey in west Tibet
- SAO: VLBI
- PMO: NEO 1m Schmidt at Xuyu
- PMO: SMA-SIS mixer, Nobeyama
- PMO: POST

Taiwanese Projects

- SMA
- TAOS
- SLT
- TON
- AMiBA
- WIRCAM-CFHT
- CosPA Theory
- ROCSAT-3
- TEN
- CFD-MHD Initiative
- NCU 2m Tel

Decisions made

- Korea (Soeul National) will host EAMA6 in 2004
- A coordination committee will be formed in two months of time, two representatives from each region, to facilitate research cooperation.
- A contact group is formed to carry on the EAMA business before the formation of the CC: Members are Se-Hyung Cho, Norio Kaifu, Chi Yuan, and Gang Zhao.
- An EAMA website will be created, first in Taiwan (ASIAA) and later moved to the Chair of the CC.
- ASIAA will publish e-proceedings for EAMA5 on EAMA website . (<http://eama5.asiaa.sinica.edu.tw>)

Action Items

- VLBI: VERA-KVN-Chinese VLBI
- 2m IR telescope: Nagoya-PMO, possible Korea and Taiwan (next meeting in Beijing, Feb, 2002)
- EAMA Website
- Summer Schools
- Announcements of EAMA telescope time application
- Coordination of topical workshops
- Call for young astronomers meetings
- Exchange of researchers, postdocs, engineers, students
- Job announcements