

Scientific Program

June 3 (Fri)

09:30 – 10:45	Oral Session <u>Ia</u>	Oral Session <u>Ib</u>
10:45 – 11:00		Coffee Break
11:00 – 12:30	Oral Session <u>IIa</u>	Oral Session <u>IIb</u>
12:30 – 13:00	Lunch Break	Lunch Break SMA Q&A (R3-110)
13:00 – 14:00		Convention (R3-103)
14:00 – 14:45		<u>Invited Talk</u> Prof. Alex Filippenko (UC Berkeley)
14:45 – 15:30		<u>Invited Talk</u> Prof. Kazuo Makishima (Tokyo University)
15:30 – 15:40		Honorary Membership Award (R3-103)
15:40 – 17:00		<u>Poster Session</u>
17:00 – 18:20		<u>Project Report</u>
19:00 – 21:00		Banquet

June 4 (SAT)

09:30 – 10:45	Oral Session <u>IIIa</u>	Oral Session <u>IIIb</u>
10:45 – 11:00		Coffee Break
11:00 – 12:00	Oral Session <u>IVa</u>	Oral Session <u>IVb</u>

Amateur Session

June 4 (SAT) Room: R3-114

時間	講題/講者	
09:30 – 10:15	天文館規劃與營運現況 / 台北天文館邱國光館長	
10:15 – 10:30	台灣的星象館/洪景川	
10:35 – 10:50	台灣的天文台/耿崇華	
10:50 – 11:10	Coffee Break	
11:10 – 11:25	跨年齡層・主題式-多元智慧學習之天文觀測教學活動設計研究/陳月妹	
11:25 – 11:40	台灣的第一個彗星/蔡元生	
11:40 – 11:55	台灣的月掩星觀測/陶蕃麟	
11:55 – 12:10	年度業餘盛會-STAR PARTY/呂其潤	
12:10 – 13:00	午餐	
13:00 – 14:00	台灣小行星掩星聯測研討會	台灣天文館之發展與願景研討會
14:00 – 15:00	參觀太遙中心	
15:00 – 16:00	參觀科一館天文台	
16:00 –	結束	

Oral Session Ia (09:30 - 10:45)**Chairman: Ing-Guey Jiang Room: R3-113**

09:30—09:45 at Lulin Observatory: Ground-based Observation for NASA Deep Impact Mission	Ia-1	K. Daisuke	Imaging Polarimetry of Comet 9P/Tempel 1
09:45—10:00 C/2002 T7 (LINEAR)	Ia-2	H. E.. Chuang	Millimeter Spectral-Line Study of Comet
10:00—10:15	Ia-3	J. J. Jian	Time Variability of the CO ₂ Snow Depth on the Martian Polar Cap
10:15—10:30	Ia-4	M. S. Yang	Simulation on Earthshine Measurement
10:30—10:45	Ia-5	H. W. Chen	Taiwan Earthshine and AsteroSeismology Telescope Network

Oral Session Ib (09:30 - 10:45)**Chairman: Hsinag-Kuang Chang Room: R3-110**

09:30—09:45	Ib-1	W. P. Chen	The TOAS Project – Current Status
09:45—10:00 Detection Algorithms	Ib-2	Z. W. Zhang	TAOS Photometry Pipelines and Event
10:00—10:15	Ib-3	M. Lehner	Photometry --- EM Principles and Example
10:15—10:30	Ib-4	S. Matsushita	The SMA Project – Current status
10:30—10:45	Ib-5	Y. N. Su	Submillimeter Array 650 GHz Observations

Oral Session IIa (11:00 - 12:30)**Chairman: Lin-Wen Chen Room: R3-113**

11:00—11:15	IIa-1	I. C. Yen	The Optical Interferometry Program at NTNU
11:15—11:30	IIa-2	H. Y. Hsiao	The UBV Photometry of NGC 2244
11:30—11:45 in OB Associations	IIa-3	H. T. Lee	Origin of Low- and Intermediate-mass Stars
11:45—12:00 A Different Approach	IIa-4	K. S. Wang	Search for Interstellar Pyrimidine:
12:00—12:15 Of Dust in Bipolar Reflection Nebulae	IIa-5	C. Muthu	Sub-arcsec '\N' and '\Q' band imaging
12:15—12:30	IIa-6	K. Sanchawala	X-rays and Young Stars in Carina Nebula

Oral Session IIb (11:00 - 12:30)**Chairman: Yi-Jehng Kuan Room: R3-110**

11:00—11:15	IIb-1	R. C. Y. Chou	The SMA observation of NGC4945
11:15—11:30 Galaxy NGC 1097	IIb-2	P.-Y. Hsieh	Circumnuclear Molecular Gas in Seyfert 1
11:30—11:45	IIb-3	S. K. King	TNO occultation survey: event rate, simulation and interpretation
11:45—12:00	IIb-4	C. Y. Wen	TAOS Software Overview: A Robotic System
12:00—12:15 Nebula IRAS 07134+1005	IIb-5	V. T. Dinh	Detached Shell around the Proto-planetary
12:15—12:30	IIb-6	P. J. Chiu	The Disk-outflow Structure of the Envelope around S Star PiGru

Invited Talks (14:00 - 15:30)**Chairman: Wing-Huen Ip Room:R3-103**

14:00 – 14:45	I-1	A. Filippenko	Evidence from Type Ia Supernovae for a Decelerating the Accelerating Universe and Dark Energy
14:45—15:30	I-2	K. Makishima	A new X-ray Window to be opened with Astro-E2

Project Report Session (17:00 - 18:20)**Chairman: Wing-Huen Ip Room: R3-103**

17:00—17:20	PR-1	F. Cheng	A Possible Gamma-ray Detector Project
17:20—17:40	PR-2	F. Shu	TIARA—Project Report
17:40—18:00	PR-3	T. H. Chiueh	AmiBA—Project Report
18:00—18:20	PR-4	W. H. Ip	Lulin Observatory—Project Report

(*)The project reports of TAOS and SMA are assigned to the Ib-1 and Ib-4 respectively

Oral Session IIIa (09:30 - 10:45)**Chairman: Chorng-Yuan Hwang Room: R3-113**

09:30—09:45	IIIa-1	K. Y. Huang	Summary of Gamma-Ray Burst (GRB) Follow-up Observations at Lulin Observatory
09:45—10:00	IIIa-2	H. K. Chang	On the Emission Site of Gamma Rays from Pulsars
10:00—10:15	IIIa-3	A. B. C. Chen	The Observation of Cataclysmic Variable V1159 Ori and its Negative Superhump
10:15—10:30	IIIa-4	H. Y. Pu	Is There any Geometry Difference between Radio-emitting and Radio-quiet Neutron Star
10:30—10:45	IIIa-5	Y. Chou	XTE J1807-294: Torque Variation on the Accretion-powered Millisecond Pulsar?

Oral Session IIIb (09:30 - 10:45)**Chairman: Jeremy Lim Room: R3-110**

09:30—09:45	IIIb-1	S. Y. Lin	High resolution sub-millimeter observations of the circumstellar disk of AB Aurigae
09:45—10:00	IIIb-2	N. Hirano	Highly Collimated SiO jet in the HH211 protostellar outflow
10:00—10:15	IIIb-3	S. Mondal	Stellar angular diameters and occultation by KBOs
10:15—10:30	IIIb-4	S. C. C. Yeh	High-Resolution Interferometric Imaging of IRAS 16293-2422: Outflows and an Expanding Torus Probed by CO

Oral Session IVa (11:00 - 12:00)**Chairman: Chung-Ming Ko Room: R3-113**

11:00—11:15	IVa-1	M. Cemeljic	Resistive MHD Simulations of Interaction between Protostellar Magnetospheres and Accretion Disks
11:15—11:30	IVa-2	C. Yuan	Starburst Rings and Circumnuclear Disks
11:30—11:45	IVa-3	W. H. Yeh	Numerical Simulations of Binary Accretion Disks
11:45—12:00	IVa-4	Y. L. Lai	Orbital migration in protoplanetary disks

Oral Session IVb (11:00 - 12:00)**Chairman: Satoshi Matsushita Room: R3-110**

11:00—11:15	IVb-1	C. M. Chang	Measuring the temperature distribution in the Orion-KL region
11:15—11:30	IVb-2	J. S. Liang	X-Ray Source as a TNO Occultation Survey Target
11:30—11:45	IVb-3	T. Lee	Possible Improvements of TAOS Performance