

Room 104, Condensed Matter & Physics Building, NTU, Taipei April 18, 2003



08:20~08:50 Registration
08:50~09:00 Opening Speech

Chair : [Chang Hsiang-Kuang](#)

09:00~09:45 (Invited Talk) Kaifu, N. (Director of NAOJ)

Subaru Telescope: Instruments, status and some results

09:45~10:00 (O-01) Yuan, Chi (ASIAA)

Bar-driven Spiral Waves in the Galactic Central Regions

10:00~10:15 (O-02) Yen, D.C.C. (ASIAA)

Numerical Simulations of the 3-kpc Arm of the Milky Way

10:15~10:30 (O-03) Jiang, Ing-Guey (NCU)

On the Spiral-Warped Structures of Disc Galaxies

10:30~10:45 (O-04) Chen, I-Cheng (NCU)

Dynamics of Galactic Centers with Massive Binary Black Holes

10:45~11:05 (Coffee Break)

Chair : [Kuan Yi-Jehng](#)

11:05~11:20 (O-05) Ko, Chung-Ming (NCU)

Diffusive-compression acceleration of cosmic rays

11:20~11:35 (O-06) Huang, Minghuey A. (NTU)

Observing Very High Energy Neutrino by NuTel

11:35~11:50 (O-07) Chen, Alfred (NCKU)

The Study of Time-varying Objects at Lulin One-metter Telescop (LOT)

11:50~12:05 (O-08) Liu, Chih-Yuan (NTHU)

Search for Signature of Waves on the Surface of Neutron Stars

12:05~13:30 (Lunch Break)

Chair : [Yuan Chi](#)

13:30~14:15 (Invited Talk) Ho, Paul (Director of ASIAA)

State of Radio Astronomy in Taiwan

14:15~14:30 (O-09) Ohashi, N. (ASIAA)

Early Results from the SMA: Observations of Low-mass YSOs

14:30~14:45 (O-10) SU, Yu-Nung (NCU/ASIAA)

Early Scientific Results form the SMA: Observations of the AFGL 5142 Region

14:45~15:00 (O-11) Kuo, Cheng-Yu (ASIAA)

Imaging of starburst galaxies with the Submillimeter Array

15:00~15:15 (O-12) Trung, Dinh Van (ASIAA)

Early Scientific Results from the SMA: Observations of AGB and post-AGB stars

15:15~15:30 (Coffee Break)

Chair : **Chen Wen-Ping**

15:30~16:00 (Invited Talk) **Ishiguro ,M.** (Prof. of NAOJ)

The status of ALMA project and its scientific goals

16:00~16:30 (Invited Talk) **Fridman, A.** (Russian Academy of Science)

Collective phenomena and turbulent viscosity in accretion disks

16:30~16:45 (O-13) **Chin, Yi-nan** (TKU)

Detection of H2CCCH(CN) and its implication to astrochemistry

16:45~17:00 (O-14) **Lee, Typhoon** (ASIES)

How did magic Ti-50 get mixed up with doubly odd La-138 before reaching the solar nebula?

17:00~17:15 (O-15) **Yan, Chi-hung** (NTNU)

Strategies for Detecting Extragalactic Submillimeter Sources with SMA

17:15~17:30 (O-16) **Woo ,Tak-Pong** (NTU)

Cosmological Simulation on Ultra Light Multi-Component Scalar Field Dark Matter.

18:00~20:00 (Banquet)

4月18日(學術研討會) 地點：台灣大學凝態中心一樓演講廳



08:20~08:50 報到、註冊
08:50~09:00 開幕演講

主持人：張祥光

09:00~09:45 (Invited Talk) 海部宣男 (N. Kaifu) 教授 (日本國家天文台台長)
Subaru Telescope: Instruments, status and some results

09:45~10:00 (O-01) 袁旼 (中研院天文所)
Bar-driven Spiral Waves in the Galactic Central Regions

10:00~10:15 (O-02) 嚴建彰 (中研院天文所)
Numerical Simulations of the 3-kpc Arm of the Milky Way

10:15~10:30 (O-03) 江瑛貴 (中央大學)
On the Spiral-Warped Structures of Disc Galaxies

10:30~10:45 (O-04) 陳宜貞 (中央大學)
Dynamics of Galactic Centers with Massive Binary Black Holes

10:45~11:05 (休 息)

主持人：管一政

11:05~11:20 (O-05) 高仲明 (中央大學)
Diffusive-compression acceleration of cosmic rays

11:20~11:35 (O-06) 黃明輝 (台灣大學)
Observing Very High Energy Neutrino by NuTel

11:35~11:50 (O-07) 陳炳志 (成功大學)
The Study of Time-varying Objects at Lulin One-metre Telescope(LOT)

11:50~12:05 (O-08) 劉志原 (清華大學)
Search for Signature of Waves on the Surface of Neutron Stars

12:05~13:30 (午 餐)

主持人：袁旼

13:30~14:15 (Invited Talk) 賀曾樸 (Paul Ho) 教授 (中研院天文所所長)
State of Radio Astronomy in Taiwan

14:15~14:30 (O-08) 大橋永芳 (中研院天文所)
Early Results from the SMA: Observations of Low-mass YSOs

14:30~14:45 (O-10) 蘇裕農 (中央大學/中研院天文所)
Early Scientific Results from the SMA: Observations of the AFGL 5142 Region

14:45~15:00 (O-11) 郭政育 (中研院天文所)
Imaging of starburst galaxies with the Submillimeter Array

15:00~15:15 (O-12) 丁文忠 (中研院天文所)
Early Scientific Results from the SMA: Observations of AGB and post-AGB stars

15:15~15:30 (休 息)

主持人：陳文屏

15:30~16:00 (Invited Talk) 石黑正人 (M. Ishiguro) 教授 (日本國家天文台教授)

The status of ALMA project and its scientific goals

16:00~16:30 (Invited Talk) Fridman, A. 教授 (俄羅斯科學院院士)

Collective phenomena and turbulent viscosity in accretion disks

16:30~16:45 (O-13) 秦一男 (淡江大學)

Detection of H₂CCCH(CN) and its implication to astrochemistry

16:45~17:00 (O-14) 李太楓 (中研院地科所)

How did magic Ti-50 get mixed up with doubly odd La-138 before reaching the solar nebula?

17:00~17:15 (O-15) 顏吉鴻 (師範大學)

Strategies for Detecting Extragalactic Submillimeter Sources with SMA

17:15~17:30 (O-16) 胡德邦 (台灣大學)

Cosmological Simulation on Ultra Light Multi-Component Scalar Field Dark Matter.

18:00~20:00 (晚宴)

4月19日(會員大會) 地點：台灣大學凝態中心一樓演講廳



08:30~09:00	會員報到
09:00~09:30	會務報告 (理事長 葉永烜)
09:30~11:00	會員大會
11:00~11:20	休 息
11:20~12:00	台灣天文概況報告 (葉永烜 中央大學)
12:00~13:30	午 餐

4月19日(天文推廣活動及教育研討會) 地點：台灣大學凝態中心一樓演講廳



13:00~13:30	報 到
13:30~13:55	後院天文學家計畫 (周翊 中央大學)
13:55~14:10	台北市立天文教育館之推廣教育 (陶蕃麟 台北市立天文科學教育館)
14:10~14:25	台北師大之推廣教育 (傅學海 台北師大地科會)
14:25~14:40	台中科博館之推廣教育 (林志隆 台中科博館)
14:40~14:55	成大之推廣教育 (許瑞榮 成大物理系)
14:55~15:10	中央大學之推廣教育 (孫維新 中央大學天文所)
15:10~15:30	休 息

15:30~15:45	臺南市天文協會現況、活動與成果 (楊水利)
15:45~16:00	台中市天文協會現況、活動與成果 (林志隆)
16:00~16:15	台北市天文協會現況、活動與成果 (鄭念雪)
16:15~16:30	總結與討論
