

Day 1 (May 19, Friday)

第一天 (5月19日, 星期五)

Venue / 地點 : NUU International Conference Center / 國立聯合大學國際會議中心

09:00 - 10:30	Registration 註冊報到		
10:30 - 10:40	<b>Opening remarks</b> 大會開幕致詞 Welcome remark by Tung-Hu Tsai (NUU) 來賓致詞：蔡東湖 校長（國立聯合大學）		
10:40 - 12:10	<b>Scientific oral session S1</b> 科學論文宣讀 S1 <b>Chair: Vivien Chen</b> <b>Star Formation</b>		
S1.1 10:40 - 10:55	ALMA Observations of Spiral Accretion Flows Towards Extremely Young Protostars	Pou-leng Choeng	NTHU
S1.2 10:55 - 11:10	Planet induced spirals in the circumstellar disk AB Aurigae?	Ya-Wen Tang	ASIAA
S1.3 11:10 - 11:25	The asymmetric structures in dust rings	Bo-Ting Shen	NTU
S1.4 11:25 - 11:40	Measuring the Magnetic Field from Filaments to Collapsing Cores in the Star-Formation Process	Patrick Koch	ASIAA
S1.5 11:40 - 11:55	The Evolutionary Status of the Prestellar Core: L1498	Ren-Shiang Sung	NTHU
S1.6 11:55 - 12:10	Impact of High-mass Stars on the Star-formation Properties of the Interstellar Filaments - A Case Study on the G182.4+00.3 Filamentary Cloud	Manash Samal	NCU
12:10 - 13:30	<b>Lunch and poster session P1</b> 午餐及壁報欣賞 P1		
13:30 - 14:30	<b>Plenary talk (I)</b> 大會講演(I) <b>Chair: Yi-Jehng Kuan</b> <i>"The Dawn Mission to Vesta and Ceres: A Voyage in Space and Time"</i> Prof. Christopher Russell (University of California Los Angeles)		
14:30 - 15:00	<b>Scientific oral session S2</b> 科學論文宣讀 S2 <b>Chair: Sheng-Yuang Liu</b> <b>Stars</b>		
S2.1 14:30 - 14:45	Peculiar dwarfs in the HSC survey	Posih Chiang	NCU
S2.2 14:45 - 15:00	Physical Properties of the G-type Eclipsing Binaries from the Kepler Observations	Li-Ching Huang	NCU
15:00 - 15:30	<b>Coffee break and poster session P2</b> 茶敘及壁報欣賞 P2		
15:30 - 18:00	<b>Scientific oral session S3</b> 科學論文宣讀 S3 <b>Chair: Daisuke Kinoshita</b> <b>Solar System and Extragalactic Astronomy</b>		
S3.1 15:30 - 15:45	Surficial mineralogy of dwarf planet Ceres	Eleonora Ammannito	ISA
S3.2 15:45 - 16:00	The Chemical Composition in the Exosphere of Ceres	Wei-Ling Tseng	NTNU
S3.3 16:00 - 16:15	Surface Heterogeneity and Color Measurement of the Asteroid in Cometary Orbits	Yu-Chi Cheng	NCU
S3.4 16:15 - 16:30	The Large Super-Fast Rotator: (144977) 2005 EC127	Chan-Kao Chang	NCU
S3.5 16:30 - 16:45	Searching for Moving Objects in HSC-SSP: Pipeline and Preliminary Results	Ying-Tung Chen	ASIAA
S3.6 16:45 - 17:00	A Quasar Discovered at Redshift 6.6 from Pan-STARRS1	Ji-Jia Tang	ASIAA
S3.7 17:00 - 17:15	The 4th Most Important Parameter of the Fundamental Metallicity Relation of Star-forming Galaxies	Tetsuya Hashimoto	NTHU
S3.8 17:15 - 17:30	Effects of Dust Evolution on the H <sub>2</sub> and CO Abundances in Galaxies	Hiroyuki Hirashita	ASIAA
S3.9 17:30 - 17:45	Star-Formation Properties of Red Spiral Galaxies	Jen-Chao Huang	NCU
S3.10 17:45 - 18:00	Cosmic rays in starburst protogalaxies	Ellis Owen	UCL
18:00 - 20:30	<b>Welcome reception and poster session P3</b> 歡迎茶會及壁報欣賞 P3		

## Day 2 (May 20, Saturday)

第二天 (5月20日, 星期六)

Venue / 地點 : NUU International Conference Center/國立聯合大學國際會議中心

09:00 - 10:00	Plenary talk (II) 大會講演(II) <b>Chair: Hsiang-Kuang Chang</b> "3D Observations of Molecular Gas in Galaxies: From Global Dynamics to Supermassive Black Holes" Prof. Martin Bureau (University of Oxford)		
10:00 - 10:30	Coffee break, group photo and poster session P4 茶敘、與會來賓團體照及壁報欣賞 P4		
11:00 - 12:00	Scientific oral session S4 科學論文宣讀 S4 <b>Chair: Lihwai Lin</b> <b>Extragalactic Astronomy</b>		
S4.1 11:00 - 11:15	SCUBA2 Lensing survey	Tomo Goto	NTHU
S4.2 11:15 - 11:30	AGN selection by SED fitting in AKARI NEP deep field	Ting-Chi Huang	NTHU
S4.3 11:30 - 11:45	Maximum Halo Acceleration in Galaxies	Yong Tian	NCU
S4.4 11:45 - 12:00	Dark Matter in Galaxies and Galaxy Clusters	Chorng-Yuan Hwang	NCU
12:00 - 14:30	Banquet 大會午宴		
14:30 - 18:30	Group discussions 分組討論/自由參訪		
20:00 - 21:30	Stargazing 觀星活動 Venue/地點 : NUU Art Center Performance Exhibition Hall/國立聯合大學藝術中心展演廳露台		

## Day 3 (May 21, Sunday)

第三天 (5月21日, 星期日)

Venue / 地點 : NUU International Conference Center/國立聯合大學國際會議中心

09:00 - 09:40	ASROC General Assembly & Awards Presentation Ceremony 會員大會及頒獎典禮 <b>Chair: You-Hua Chu</b>		
09:00 - 09:10	Presentation of the 4 <sup>th</sup> <i>Heaven Quest Award</i> and <i>Heaven Talk Award</i> 頒發天文學會第四屆「天問獎」及「譚天獎」		
09:10 - 09:25	<i>Heaven Quest Award</i> acceptance speech 「天問獎」得獎致辭 Academician Wing Ip (NCU) 葉永烜院士 (國立中央大學)		
09:25 - 09:40	<i>Heaven Talk Award</i> acceptance speech 「譚天獎」得獎致辭 Familystar 親子觀星會		
09:40 - 10:40	General Assembly, best-poster awards & presentations 會員大會、頒發最佳壁報論文獎及得獎論文口頭報告		
10:40 - 11:10	Coffee break and poster session P5 茶敘及壁報欣賞 P5		
11:10 - 12:10	Scientific oral session S5 科學論文宣讀 S5	Education & Public Outreach session E1 天文教育及業餘天文活動報告 E1	
Scientific oral session S5 科學論文宣讀 S5 <b>Chair: Chorng-Yuan Hwang</b> <b>Cosmology and High Energy Astrophysics</b>			
S5.1 11:10 - 11:25	Rapid Oscillation of Gravitational Constant in the Scalar-Tensor Theory of Gravity: the early-time constraints on its induced energy density from cosmology	Po-Wen Chang	NTU
S5.2 11:25 - 11:40	Cosmological Simulation with Dust Evolution	Kuan-Chou Hou	ASIAA/ NTU
S5.3 11:40 - 11:55	CO Luminosity-Linewidth Correlation and Its Possible Utilization in Cosmology	Yi-han Wu	NTHU
S5.4 11:55 - 12:10	Using mHz QPOs to Put Constraints on Neutron Star Size and Equation of State	Holger Stiele	NTHU

**Education & Public Outreach session E1 天文教育及業餘天文活動報告 E1**  
**Chair: Shih-Ping Lai 第一會議室(圖書館1F)**

E1.1 11:10 - 11:25	民國初年的通俗天文學：以《婦女雜誌》及其他期刊為例	Hsiang-Fu Huang	AS IoMH
E1.2 11:25 - 11:40	社區大學創齡學習者天文教學的適性探討 - 以 3D 與 VR 天文教學為例	Ching-Chuan Hung	TAM
E1.3 11:40 - 11:55	「民眾天文科學態度、學習態度與學習動機」研究初探 -以參觀臺北天文科學教育館民眾為例	王志明	TAM
E1.4 11:55 - 12:10	From offline to online: Science Edu-Communication in Taipei Astronomical Museum	胡佳伶	TAM
12:10 - 13:30	<b>Lunch break 午餐</b>		
13:30 ~	<b>Departure 賦歸</b>		