

(Updated 2017 July 7)

— July 10<sup>th</sup> Monday —  
Opening

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08:00—09:00 (30 min)	Registration
09:00—09:30 (30 min)	Opening
09:30—09:50 (20 min)	Wen-Ping Chen — NCU astronomy and international cooperation
09:50—10:00 (10 min)	Group Photo
10:00—10:30 (30 min)	Break
10:30—11:30 (60 min)	Art Show Opening
11:30—13:00	Lunch

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**Astronomy & Astrophysics (Chair: Hsiang-Kuang Chang)**

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13:00—13:30 (30 min)	Jian-Yan Wei —The Lunar-based Ultraviolet Telescope (LUT) aboard Chang'e-3
13:30—14:00 (30 min)	JiFeng Liu — Multi-wavelength studies of stars in light of LAMOST
14:00—14:30 (30 min)	Ali Luo — Spectra with H $\alpha$ emission lines from LAMOST Galactic survey
14:30—15:00 (30 min)	Chung-Ming Ko — Dark Matter
15:00—15:30	Break

**Astronomy & Astrophysics (Chair: Chong-Yuan Hwang)**

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15:30—16:00 (30 min)	Martin A Lee — The Story of Interstellar Pickup Ions and Their Excitation of Hydromagnetic Waves in the Solar Wind
16:00—16:30 (30 min)	Gary Zank — The Importance of Pick-Up Ions in Space and Astrophysics: Some Examples
16:30—17:00 (30 min)	Yuan-Han Chang — Latest results of the AMS experiment
17:00—17:15 (15 min)	Ting-Wan Chen — Superluminous supernovae and their host galaxies
17:15—17:30 (15 min)	Chih-Hao Hsia — The New Challenges of Planetary Nebulae Research
17:30—17:45 (15 min)	Po-Chieh Yu — PTF/iPTF: From Stars to QSOs

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— July 11<sup>th</sup> Tuesday —

**Solar & Space Physics (Chair: Ling-Hsiao Lyu)**

09:00—09:30 (30 min)	Ya-Hui Yang — Investigation of magnetic field and hard X-ray signatures associated with intense solar flares
09:30—10:00 (30 min)	Jian-Kui Shi — Research on the field aligned currents in our planet Earth's magnetotail
10:00—10:30 (30 min)	Jann-Yenq Liu — The first statistical study on pre-earthquake ionospheric anomalies (PEIAs) on the electron density and its following development
10:30—11:00 (30 min)	Break

**Solar & Space Physics (Chair: Yi Chou)**

11:00—11:30 (30 min)	Mihály Horányi —Dusty Plasmas in the Solar System
11:30—11:45 (15 min)	Ling-gao Kong — Overview of Space Plasma Measurement Activities at NSSC
11:45—12:00 (15 min)	Li Lu —Observation and inversion of ENA auroras
12:00—13:00	Lunch

**Trans-Neptunian Objects (Chair: Kwing-Lam Chan)**

13:00—13:30 (30 min)	David Jewitt — Color Systematics in the Outer Solar System
13:30—14:00 (30 min)	Renu Malhotra — Prospects for unseen planets beyond Neptune
14:00—14:30 (30 min)	Shiang-Yu Wang —Status of the Transneptunian Automated Occultation Survey (TAOS II)
14:30—15:00 (30 min)	Break

**Trans-Neptunian Objects & Asteroids (Chair: Chow-Choong Ngeow)**

15:00—15:30 (30 min)	JJ Kavelaars — The Outer Solar System Origins Survey
15:30—15:45 (15 min)	Ying-Tung Chen — Exploring the 2:1 resonance using the Outer Solar System Origin Survey
15:45—16:00 (15 min)	Hsing-Wen Lin — On the inclination distribution of Neptune Trojans
16:00—16:30 (30 min)	Fumi Yoshida —Size Frequency Distributions of Jupiter Trojans, Hildas and Main Belt Asteroids
16:30—17:00 (30 min)	Xiao-Bin Wang — Determinations of shape and photometric phase curve of asteroids
17:00—17:15 (15 min)	Xiao-Ping Lu — Cellinoid Shape Model for Asteroids
17:15—17:30 (15 min)	Yu-Chi Cheng —Taxonomical Survey of Dynamically Unstable Asteroid in the Near-Earth Region
18:00	Bus leaves for the banquet
18:30	Banquet

— July 12th Wednesday —  
**Asteroids & Comets (Chair: Daisuke Kinoshita)**

09:00—09:30 (30 min)	Jiang-Hui Ji — Asteroid 4179 Toutatis: New observations as Closely Observed by Chang'e-2
09:30—09:45 (15 min)	Chan-Kao Chang — Asteroid Spin-Rate Study
09:45—10:00 (15 min)	Hai-Bin Zhao — Recent observation on small Solar system bodies by CNEOST
10:00—10:15 (15 min)	Youngmin JeongAhn — Spatial distribution of steep lunar craters
10:15—10:45 (30 min)	Break

**Asteroids & Comets (Chair: Yi-Jehng Kuan)**

10:45—11:15 (30 min)	Holger Sierks — On Steep Cliffs and Fountains Of Dust - The Rosetta Comet 67P/C-G
11:15—11:30 (15 min)	Zhong-Yi Lin — Investigating the physical properties of the outbursts of comet 67P/C-G
11:30—11:45 (15 min)	Yuhui Zhao — Retrieving spatial pattern of early activity of comet 67P/C-G from the MIRO observations and 3D radiative transfer model
11:45—12:00 (15 min)	Xian Shi — Observing and modeling near-nucleus dust activity on 67P/C-G
12:00—13:00	Lunch

**Planets (Chair: Maurizio Falanga)**

13:00—13:30 (30 min)	Keke Zhang — Probing Jupiter's interior via its gravitational field
13:30—14:00 (30 min)	Sushil Atreya — The origin and evolution of the atmosphere of Saturn's Earth-like moon, Titan
14:00—14:15 (15 min)	Chuhong Mai — Simulation of Proto-atmosphere Accretion Using FLASH
14:15—14:45 (30 min)	Paul Hartogh — Far infrared observations of the solar system
14:45—15:15 (30 min)	Break

**Planets (Chair: Michel Blanc)**

15:15—15:45 (30 min)	Linda Spilker — The Scientific Achievements of the Cassini Orbiter Mission
15:45—16:15 (30 min)	Jean-Pierre Lebreton — Huygens Mission to Titan: a close view on a fascinating solar system body
16:15—16:45 (30 min)	Norbert Krupp — Charged particle measurements in the inner Saturnian magnetosphere during the "Grand Finale" of Cassini in 2016/2017
16:45—17:00 (15 min)	Wei-Ling Tseng — The Saturnian near-ring plasma environment
17:15—17:30 (15 min)	Hsiang-Wen Hsu — Preliminary results from the Cassini Cosmic Dust Analyser during the Grand Finale Mission
17:30—18:00 (30 min)	Wing-Heun Ip — Closing Remarks

— July 13<sup>th</sup> Thursday —

**Excursion**

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07:50	Gathering at NCU Guest House
09:30	Yehliu GeoPark — Yehliu Geopark is famous for its sea-erosion landscape and most of the spots are very close to the sea. <a href="http://www.ylgeopark.org.tw/ENG/info/YIIntroduction_en.aspx">http://www.ylgeopark.org.tw/ENG/info/YIIntroduction_en.aspx</a>
09:45	English/Chinese Guided Tour in the Park (1-1.5 hours)
11:30	Lunch near Yehliu Geopark
14:00	National Palace Museum (English Guided Tour) <a href="https://www.npm.gov.tw/en/">https://www.npm.gov.tw/en/</a>
17:00	Bus leaves for NCU Guest House — For those who would like to stay in Taipei for more fun, we will drop you at the MTR Shilin Station. In that case, you need to go back to NCU on your own.

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Note: It could be very sunny, please bring a light jacket, a hat, and an umbrella to avoid sunburn.

— Posters —

1. Chow-Choong Ngeow  
— The Palomar Transient Factory and RR Lyrae Program at the National Central University: Overview and Progress
2. Han-Yuan Chang,  
— Hyper-flares phenomena of M dwarfs
3. Wei-Jie Hou  
— Super-Flares Relationship with Rotational Phase of G-Type Stars
4. Li-Ching Huang  
— Physical Properties of the G-type Eclipsing Binaries from the Kepler Observations
5. Chia-Lung Lin  
— A Study of Stellar Gyrochronology by Using the PTF and K2 Data
6. Chang-Hsien Yu  
— Searching for Be Stars in 104 Open Clusters by Using PTF Observations
7. Tao Luo  
— Imaging Asteroid albedo via Matrix light-curve inversion
8. Po Yen Liu  
— On the long-term time evolution of highly-inclined Trans-Neptunian objects
9. Ting-Shuo Yeh  
— A Pilot Study of Asteroid Spin Rate Using the CNEOST at Xu-Yi
10. Ian-Lin Lai  
— Seasonal variations of the source regions of the dust jets of comet 67P/Churyumov-Gerasimenko
11. Kang-Shian Pan  
— Rotationally Resolved Polarization Observations of the M-type Asteroid 16 Psyche
12. Zhi-xuan Zhu  
— Intercomparison of the Relations of Density and Porosity of Some X-type Asteroids
13. Jui-Chi Lee  
— Geomorphological Mapping of Comet 67P/Churyumov-Gerasimenko's Southern Hemisphere
14. Hanjie Tan  
— Lightcurve analysis of 9 asteroids
15. Hua-Shan Shi  
— A Study of the Seasonal Variation of the Sublimation Rate of the Sputnik Planum Ice Sheet on Pluto
16. Chun-Min Yang  
— Gas Tori of the Outer Planets Including the Pluto-Charon System
17. Jen-Kai Hsu  
— A model study of the vertical distributions and escape fluxes of the major and minor species in Titan's thermosphere under different conditions
18. Chin-Min Liu  
— Simulation of the Dynamics of the Jovian Atmosphere
19. Yanqiong Ren  
— Stable Bayesian generalized Lomb-Scargle periodogram by Polynomial Series