

## A. Solar System

<b>PS1</b>	<b>Discovery of a High-flying Potentially Uranian Trojan</b> Ying-Tung Chen (ASIAA), J. J. Kavelaars (HIA), Hsing-Wen Lin (NCU), Wing-Huen Ip (NCU)
<b>PS2</b>	<b>The Super Fast Rotating Asteroid</b> Chan-Kao Chang (NCUIA), Adam Waszczak (Caltech), Wing-Huen Ip (NCUIA), Tom Prince (Caltech), the PTF Team (NCUIA), the PTF Team (Caltech)
<b>PS3</b>	<b>The Asteroid Spin Rate Study by Using iPTF Data</b> Chan-Kao Chang (NCUIA), Wing-Huen Ip (NCUIA), Hsing-Wen Lin (NCUIA), Chow-Choong Ngeow (NCUIA), Ting-Chang Yang (NCUIA), Adam Waszczak (Caltech), the PTF Team (Caltech)
<b>PS4</b>	<b>Complex Organic in Comets</b> Yo-Ling Chuang (National Taiwan Normal University), Yi-Jehng Kuan (National Taiwan Normal University)
<b>PS5</b>	<b>Taxonomical Classification of the Hungaria Asteroids by Using the PTF Data</b> Zhi-Xuan Zhu (Institute of Astronomy, National Center University), Chan-Kao Chang (Institute of Astronomy, National Center University), Yu-Chi Cheng (Institute of Astronomy, National Center University), Wing-Huen Ip (Institute of Astronomy, National Center University)

## B. Star Formation

<b>PS6</b>	<b>A preliminary study of infrared variability in young stellar objects from Spitzer's Gould's Belt Cloud</b> S.-P. Lai (NTHU), Chia-Cheng Ni (Affiliated Senior High school of National Chung-Hsin University), Hsuan-Ju Peng (SHCH), Shih-Chao Lin (SHCH)
<b>PS7</b>	<b>Extreme High Velocity Components of the Protostellar Jet in NGC 1333 IRAS 2A</b> Cheng-Hung Tsai (NTHU), Huei-Ru Chen (NTHU), Chin-Fei Lee (ASIAA), Naomi Hirano (ASIAA), Hsien Shang (ASIAA)
<b>PS8</b>	<b>Observational constraints on the model of the accretion disk</b> Ekaterina Koptelova (Institute of Astronomy, National Tsing Hua University)
<b>PS9</b>	<b>Interstellar Urea: an ALMA Search</b> Ya-Wen Yo ( Department of Earth Sciences, National Taiwan Normal University), Yi-Jehng Kuan (Department of Earth Sciences, National Taiwan Normal University)
<b>PS10</b>	<b>Simulating the collapse of a molecular cloud</b> Sheng-Jun Lin (NTHU), Shih-Ping Lai (NTHU)
<b>PS12</b>	<b>Small-scale kinematics in massive star forming cores</b> Kuo-Song Wang (ASIAA; Leiden Observatory), Michiel Hogerheijde (Leiden Observatory), Floris van der Tak (SRON, Groningen University), Pamela Klaassen (Leiden Observatory)
<b>PS13</b>	<b>Probing kinematics of the filaments around the infalling envelope in W3(OH) massive star-forming region</b> Wei-Ting Kuo (Department of Physics and Institute of Astronomy, National Tsing Hua University), Vivien Chen (Department of Physics and Institute of Astronomy, National Tsing Hua University)
<b>PS14</b>	<b>Probing the evolutionary stages of IRDC cores</b> Vlas Sokolov (National Tsing Hua University), Vivien Chen (National Tsing Hua University), Sheng-Yuan Liu (Institute of Astronomy & Astrophysics, Academia Sinica), Yu-Nung Su (Institute of Astronomy & Astrophysics, Academia Sinica)

## C. Stars, Star Clusters and Interstellar Dust

<b>PS15</b>	<b>Identifying and Characterizing Stellar Clusters Toward the Galactic Anti-Center from Pan-STARRS1 <math>3\pi</math> Survey Data</b> Chien-Cheng Lin (National Central University), Wen-Ping Chen (National Central University)
<b>PS16</b>	<b>Infrared-to-X-ray ratios of supernova remnants in the Large Magellanic Cloud</b> Ji Yeon Seok (ASIAA), Hiroyuki Hirashita (ASIAA), Bon-Chul Koo (Seoul National University)
<b>PS17</b>	<b>The Properties of Be stars with Infrared Excess from the Wide-field Infrared Survey Explorer (WISE) Survey</b> Chien-De Lee (Institute of Astronomy, National Central University), Chih-Hao Hsia (Department of Physics, University of Hong Kong), Wen-Ping Chen (Institute of Astronomy, National Central University)
<b>PS18</b>	<b>Long-Term Photometric Behavior of the Young Abrupt Variable GM Cepheids</b> Po-Chieh Huang (Institute of Astronomy, National Central University), Chang-Yao Chen (Department of Physics, National Central University), Chia-Ling Hu (Taipei Astronomical Museum), Wen-Ping Chen (Institute of Astronomy, National Central University)
<b>PS19</b>	<b>Molecules in Planetary Nebula NGC 6302 II</b> Tatsuhiko Hasegawa (ASIAA), Sun Kwok (Hong Kong University)
<b>PS20</b>	<b>Oscillator strengths of Zn I and Ga II for Astrophysical Modeling</b> Hsin-Chang Chi (Department of Physics/National Dong Hwa University)
<b>PS21</b>	<b>Searching for Possible Members of the Beta Pictoris Moving Group</b> Chang-Yao Chen (Department of Physics, National Central University, Taiwan), Wen-Ping Chen (Institute of Astronomy, National Central University, Taiwan)
<b>PS22</b>	<b>Search and Follow-Up Observations of Ultra Long Period Cepheids Candidate in M31 using PTF, P60 and LOT</b> Chow-Choong Ngeow (National Central University), Chien-Hsiu Lee (University Observatory Munich / Max Planck Institute for Extraterrestrial Physics), Hsiang-Yao Hsiao (National Central University), Chi-Sheng Lin (National Central University), Wing-Huen Ip (National Central University)
<b>PS23</b>	<b>Characterization of faint photometric and kinematic members in the open cluster NGC752</b> Chung-Kai Huang (Graduate Institute of Astronomy, National Central University), Chien-Cheng Lin (Graduate Institute of Astronomy, National Central University), Pei-Yi Chen (Graduate Institute of Astronomy, National Central University), Wen-Ping Chen (Graduate Institute of Astronomy, National Central University)
<b>PS24</b>	<b>The Transit Observations of XO-1 Planetary System</b> Yi-Ling Lin (NTHU), Ing-Guey Jiang (NTHU), Chien-Yo Lai (NTHU), He-Feng Hsieh (NTHU)
<b>PS25</b>	<b>Deep H<math>\alpha</math> Survey and New Supernova Remnant Candidates in the Large Magellanic Cloud</b> Hsuan-Ju Chen (IANCU), Wei-Hao Wang (ASIAA)
<b>PS26</b>	<b>Reconstructing the Light Curves of Galactic Cepheids in PanSTARRS 1 System: Preliminary Results</b> I-Ling Lin (Graduate Institute of Astronomy, National Central University, Zhongli City, 32001, Taiwan), Chow-Choong Ngeow (Graduate Institute of Astronomy, National Central University, Zhongli City, 32001, Taiwan), Jhen-Kuei Guo (Graduate Institute of Astronomy, National Central University, Zhongli City, 32001, Taiwan), Chien-Cheng Lin (Graduate Institute of Astronomy, National Central University,

	Jhongli City, 32001, Taiwan)
<b>PS27</b>	<b>Molecular hydrogen emission in diffuse interstellar medium of the Large Magellanic Cloud</b> Naslim Neelamkodan (ASIAA), Kemper, F (ASIAA)
<b>PS28</b>	<b>A study of flare activities of M-type star in the Kepler data archive</b> Han-Yuan Chang (National Central University, Institute of Astronomy), Li-Ching Huang (National Central University, Institute of Astronomy), Chi-Ju Wu (National Central University, Institute of Space Science), Wing-Huen Ip (National Central University, Institute of Astronomy, National Central University, Institute of Astronomy)
<b>PS29</b>	<b>Investigating Wolf-Rayet stars in M 31 with the Palomar Transient Factory H Survey</b> Yu, Po-Chieh (Graduate Institute of Astronomy, NCU), Ip, Wing-Huen (Graduate Institute of Astronomy, NCU)
<b>PS30</b>	<b>Characterization of the Galactic Open Cluster NGC 752: Distance, Age, and Metallicity</b> Pei-Yi Chen (Graduate Institute of Astronomy, National Central University), C. K. Huang (Graduate Institute of Astronomy, National Central University), Chien-Cheng Lin (Graduate Institute of Astronomy, National Central University), Ali Luo (National Astronomical Observatory of China), W. P. Chen (Graduate Institute of Astronomy, National Central University)
<b>PS31</b>	<b>Measuring Rotational Speed by High-Dispersion Spectra of Classical Be Stars with Infrared Excess</b> Pei-Min Shen (Graduate Institute of Astronomy, National Central University), Chien-De Lee (Graduate Institute of Astronomy, National Central University), David Mkrichian (National Astronomical Research Institute of Thailand (NARIT)), Chien-Cheng Lin (Graduate Institute of Astronomy, National Central University), Wen-Ping Chen (Graduate Institute of Astronomy, National Central University)
<b>PS32</b>	<b>The contribution from circumstellar dust of to the spectral energy distribution of the Large Magellanic Cloud</b> Mei-Chun Lin (ASIAA), Ciska Kemper (ASIAA), Naslim Neelamkodan (ASIAA), Sundar Srinivasan (ASIAA), Valsamo Antoniou (Harvard CfA), Massimo Marengo (Iowa State University), Jean-Philippe Bernard (IRAP), Margaret Meixiner (STSci)
<b>PS33</b>	<b>Search for p-mode oscillations in white dwarfs by using high speed photometry cameras</b> Yi-Shan Wu (Institute of Astronomy, National Tsing Hua University), Hsiang-Kuang Chang (Institute of Astronomy, National Tsing Hua University), Chih-Yuan Liu (Institute of Astronomy, National Tsing Hua University), Wen-Cheng Huang (Institute of Astronomy, National Tsing Hua University)
<b>PS34</b>	<b>Long-term Variation Study of Cataclysmic Variable with Palomar Transient Factory</b> Michael Ting-Chang Yang (National Central University), Yi Chou (National Central University), Chin-Ping Hu (National Central University), Yi-Hao Su (National Central University)
<b>PS35</b>	<b>The starspot sizes of solar-type stars with and without superflares</b> Li-Ching Huang (Institute of Astronomy, National Central University), Wing-Huen Ip (Institute of Astronomy, National Central University and Institute of Space Science, National Central University), Chi-Ju Wu (Institute of Space Science, National Central University), Han-Yuan Chang (Institute of Astronomy, National Central University)

## D. X-ray Astronomy

<b>PS36</b>	<b>On the Complex Variability of the Superorbital Modulation Period of LMC X-4</b> Chin-Ping Hu (Institute of Astronomy, National Central University), Yi Chou (Institute of Astronomy, National Central University), Ting-Chang Yang (Institute of Astronomy, National Central University), Yi-Hao Su (Institute of Astronomy, National Central University), Hung-En Hsieh (Institute of Astronomy, National Central University), Po-Sheng Chuang (Institute of Astronomy, National Central University), Ching-Ping Lin (Institute of Astronomy, National Central University)
<b>PS37</b>	<b>The orbital ephemeris of the partial eclipsing X-ray binary X1822-371</b> Hung-En Hsieh (Institute of Astronomy, National Central University), Yi Chou (Institute of Astronomy, National Central University), Chin-Ping Hu (Institute of Astronomy, National Central University), Ting-Chang Yang (Institute of Astronomy, National Central University), Yi-Hao Su (Institute of Astronomy, National Central University), Ching-Ping Lin (Institute of Astronomy, National Central University), Po-Sheng Chuang (Institute of Astronomy, National Central University), Nai-Hui Liao (Institute of Astronomy, National Central University)
<b>PS38</b>	<b>The updated orbital ephemeris of dipping low mass X-ray binary 4U 1624-49</b> Nai-Hui Liao (National Central University), Yi Chou (National Central University), Ting-Chang Yang (National Central University), Chin-Ping Hu (National Central University), Yi-Hao Su (National Central University), Hung-En Hsieh (National Central University), Po-Sheng Chuang (National Central University), Ching-Ping Lin (National Central University)
<b>PS39</b>	<b>Swinging between accretion and rotation-powered states for millisecond pulsar binaries</b> K. L. Li (National Tsing Hua University), A. K. H. Kong (National Tsing Hua University), J. Takata (University of Hong Kong), G.C.K. Leung (University of Hong Kong), K.S. Cheng (University of Hong Kong)
<b>PS40</b>	<b>Characterizing the lifetime of the 4 Hz Quasi-Periodic Oscillation around the Black Hole X-ray Binary XTE J1550-564</b> Y. H. Su (Institute of Astronomy, National Central University), Y. Chou (Institute of Astronomy, National Central University), C. P. Hu (Institute of Astronomy, National Central University), T. C. Yang (Institute of Astronomy, National Central University), H. E. Xie (Institute of Astronomy, National Central University), P. S. Chuang (Institute of Astronomy, National Central University), C. P. Lin (Institute of Astronomy, National Central University), N. H. Liao (Institute of Astronomy, National Central University)
<b>PS41</b>	<b>Numerical Simulation of Standard Keplerian Disc around a Black Hole</b> Kinsuk Giri (Institute of Astronomy, National Tsing Hua University), Hsiang- Kuang Chang (Institute of Astronomy, National Tsing Hua University)

## E. Extragalactic Studies

<b>PS42</b>	<b>Feathering Instability in Spiral Galaxies</b> Wing-Kit Lee (ASIAA)
<b>PS43</b>	<b>Constraining dust formation in high-redshift young galaxies</b> Hiroyuki Hirashita (ASIAA, Taiwan), Andrea Ferrara (SNS, Italy), Pratika Dayal (University of Edinburgh, UK), Masami Ouchi (University of Tokyo, Japan)
<b>PS44</b>	<b>An Adaptive Homomorphic Aperture Photometry Algorithm for Merging Galaxies</b> Jen-Chao Huang (IANCU), Chong-Yuan Hwang (IANCU)

<b>PS45</b>	<b>A class of low-mass but extremely star-forming galaxy at <math>z\sim 2</math></b> Chen Fatt Lim (National Taiwan Normal University), Sébastien Foucaud (Department of Physics & Astronomy, Shanghai JiaoTong University), Hashimoto, Yasuhiro (National Taiwan Normal University)
<b>PS46</b>	<b>Planetary nebulae in elliptical galaxies in the framework of MOND</b> Yong Tian (National Central University), Mu-Chen Chiu (Shanghai Normal University), Chung-Ming Ko (National Central University)
<b>PS47</b>	<b>Fundamental plane and gravitational lensing in MOND</b> Mu-Chen Chiu (Shanghai Normal University), Yong Tian (National Central University), Chung-Ming Ko (National Central University)
<b>PS48</b>	<b>Reddening Material of Red QSOs</b> Chen, I-Chenn (IANCU), Hwang, Chorng-Yuan (IANCU)
<b>PS49</b>	<b>Mid-Infrared Properties of Optically Selected Red QSOs</b> Tsai, An-Li (NCU), Hwang, Chorng-Yuan (NCU)
<b>PS50</b>	<b>Method of finding high redshift quasar</b> Ji-Jia Tang (ASIAA), Youichi Ohyama (ASIAA)
<b>PS51</b>	<b>The relationship between large scale environments and properties of galaxies</b> Shou-Lun Cheng (National Taiwan Normal University), Yasuhiro Hashimoto (National Taiwan Normal University)

## F. Instrumentation

<b>PS52</b>	<b>Status of Pan-STARRS1 data and data servers in Taiwan</b> Jhen-Kuei Guo (Graduate Institute of Astronomy, National Central University), Wen-Ping Chen (Graduate Institute of Astronomy, National Central University)
<b>PS53</b>	<b>Data Reduction and Preliminary Results from Commissioning Data</b> Andreas Ritter (National Central University), Chow-Choong Ngeow (National Central University), Nick Konidaris (California Institution of Technology), Wing-Huen Ip (National Central University), Hsing-Wen Lin (National Central University), Yu-Chi Cheng (National Central University)
<b>PS54</b>	<b>NCU Moving Object Detection System</b> 林省文 (國立中央大學), 章展告 (國立中央大學), 葉詠烜 (國立中央大學)
<b>PS55</b>	<b>Fast Photometry of SN 2014J in the Nearby Galaxy M82</b> Mei-Ying Lee (Taipei First Girls High School), Albert Kong (National Tsing Hua University), Yu-Mei Lin (Taipei First Girls High School), Kwan Lok Li (National Tsing Hua University), Pin-Han Wu (Taipei First Girls High School), Shih-Ping Lai (National Tsing Hua University), Shan-Chien Yang (Taipei First Girls High School), Cheng-Yuan Chen (Taipei First Girls High School)
<b>PS56</b>	<b>Current Status of Compton Spectrometer and Imager (COSI)</b> Tseng, Chao-Hsiung (NTHU, Institute of Astronomy)
<b>PS57</b>	<b>短暫發光現象之自動化觀測系統建置與臺灣流星觀測網</b> 賴楷翔 (高雄師範大學物理系), 曹俊傑 (高雄師範大學物理系), 吳秉勳 (中央大學天文所), 林東毅 (東華大學物理系), 柯景元 (高雄師範大學物理系), 林志隆 (台中科學博物館), 紀信昌 (東華大學物理系), Shinsuke Abe (日本大學理工學部航空宇宙工學科), 楊義清 (台東大學應用科學系)
<b>PS58</b>	<b>短暫發光現象之自動化光譜拍攝系統</b> Chun-Chieh Tsao (國立高雄師範大學)
<b>PS59</b>	<b>Measuring double asteroid in Taipei Astronomical Museum with speckle interferometry methods.</b> Alan Yang (Taipei Astronomical Museum), Nancy Chan (Taipei Astronomical

	Museum)
<b>PS60</b>	<b>The Compton Spectrometer and Imager (COSI)</b> Jeng-Lun Chiu (Institute of Astronomy, National Tsing Hua University), Chien-Ying Yang (Institute of Astronomy, National Tsing Hua University), Jie-Rou Shang (Institute of Astronomy, National Tsing Hua University), Chao-Hsiung Tseng (Institute of Astronomy, National Tsing Hua University), Hsiang-Kuang Chang (Institute of Astronomy, National Tsing Hua University), Steven E. Boggs (Space Sciences Laboratory, UC. Berkeley)

## G. Education and Public Outreach

<b>PE1</b>	<b>利用二段式診斷工具探查國小教師有關 星星、月亮之迷思概念</b> 張哲誠 (國立台北教育大學自然科學教育所), 鄭宏文 (國立台北教育大學自然科學教育系)
<b>PE2</b>	<b>Subsequent Development and Accomplishments of TFG's High Scope Project</b> Yu-Mei Lin (Taipei First Girls High School), Pin-Han Wu (Taipei First Girls High School), Jim-Hong Su (Taipei First Girls High School), Yu-Cheng Liu (Taipei First Girls High School), Kuo-Chu Yang (Taipei First Girls High School), Li-Fen Jan (Taipei First Girls High School), Fang-Lan Huang (Taipei First Girls High School), Ruolan Jin (Taipei First Girls High School), Shih-Ping Lai (National Tsing Hua University), Jia-Wei Wang (National Tsing Hua University)
<b>PE3</b>	<b>3D Printer implementation in astronomical education activity</b> Alan Yang (Taipei Astronomical Museum), KL Chang (Taipei Astronomical Museum)
<b>PE4</b>	<b>From the Quasi-society Astro-club to Non-formal Education Programs Accreditation Astronomy Courses in Community College (從類社團到非正規教育課程認證的社區 大學天文課程)</b> Jim Ching-chuan Hung (洪景川) (Taipei Astronomical Museum(臺北市立天文科學教育館))