

A. Solar System and Exoplanets

PS1	<p>The early results of PS1 TNO discoveries/recoveries Hsing-Wen (Edward) Lin (National Central University), Ying-Tung Chen (National Central University), Wing-Huen Ip (National Central University), Wen Ping Chen (National Central University)</p>
PS2	<p>A Comparison of the Occurrence rates of the Solar Flares with Stellar Flares from Solar-type Stars Chi-Ju Wu (Institute of Space Science, National Central University), Wing-Huen Ip (Institute of Space Science, National Central University), Li-Ching Huang (Institute of Space Science, National Central University)</p>
PS3	<p>The tails of comet C/2011 L4 PanSTARRS Zhong-Yi Lin (Institute of Astronomy, National Central University), Wing-Huen Ip (Institute of Astronomy, National Central University)</p>
PS4	<p>Polarimetric Observations on the Hot Jupiter WASP-12b Hu, Juei-Hwa (Institute of Astronomy, National Central University), Chiang, Po-Shih (Institute of Astronomy, National Central University), Lin, Zhong-Yi (Institute of Astronomy, National Central University), Lin, H.-W. (Institute of Astronomy, National Central University), Chen, W.-P. (Institute of Astronomy, National Central University), Ip, W.-H. (Institute of Astronomy, National Central University)</p>
PS5	<p>Searching a stellar flare during the transit of the exoplanets Zhong-Yi Lin (Institute of Astronomy, National Central University), Po-Shih Chiang (Institute of Astronomy, National Central University), Juei-Hwa Hu (Institute of Astronomy, National Central University), Wing-Huen Ip (Institute of Astronomy, National Central University), Wen-Ping Chen (Institute of Astronomy, National Central University)</p>
PS6	<p>Taiwan Meteor Network System at NDHU Node LYU, MING-SYUAN (National Dong Hwa University), LYU, MING-SYUAN (National Dong Hwa University)</p>
PS7	<p>Introduction to MIOSOTYS: a multiple-object, high-speed photometer for probing the trans-Neptunian population with stellar occultations. Chih-Yuan LIU (NTHUPHYS/NTHUIOA/ObsPM/LESIA), Yi-Shan WU</p>

	(NTHUIOA), Hsiang-Kuang CHANG (NTHUPHYS/NTHUIOA), Alain DORESSOUNDIRAM (ObsPM/LESIA), Francoise ROQUES (ObsPM/LESIA), I-Chun SHIH (ObsPM/GEPI), Andree FERNANDAZ (ObsPM/LESIA), Frederic DAUNY (ObsPM/LESIA), BernardCHRISTOPHE (ObsPM/LESIA), Lucie MARQUET (ObsPM/LESIA)
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B. Star Formation and Star-Forming Regions

PS8	Gas motions around the protostar NGC 1333 IRAS 4A2 Hung-Jin Huang (ASIAA), Chin-Fei Lee (ASIAA)
PS9	Estimating IRDC temperature with ammonia emission Vlas Sokolov (Institute of Astronomy, National Tsing Hua University), Vivien Chen (Institute of Astronomy, National Tsing Hua University), Sheng-Yuan Liu (Institute of Astronomy & Astrophysics, Academia Sinica), Yu-Nung Su (Institute of Astronomy & Astrophysics, Academia Sinica)
PS10	Submillimeter Molecular-Line Observations of a Prototypical Protostellar Binary IRAS 16293-2422 Yen-Chi Chen (ASIAA), Shigehisa Takakuwa (ASIAA)
PS11	Substellar objects in the Rho Ophiuchi star-forming region Poshih Chiang (NCUIA), Wen-Ping Chen (NCUIA)
PS12	Time Variability of Emission Lines for Four Active T Tauri Stars Mei-Yin Chou (ASIAA), Michihiro Takami (ASIAA), Nadine Manset (CFHT), Tracy Beck (STScI), Tae-Soo Pyo (Subaru Telescope), Wen-Ping Chen (NCU), Neelam Panwar (NCU), Jennifer L. Karr (ASIAA), Hsien Shang (ASIAA), Haiyu Baobab Liu (ASIAA)
PS13	Gas And Dust In The Protoplanetary Disk Around LKHa 330 I-Hsiu Li(ASIAA), Naomi Hirano(ASIAA)
PS14	Probing the magnetic field structure in the filamentary cloud IC5146 Jia-Wei Wang (NTHU), Chakali Eswaraiah (ARIES, India), Shih-Ping Lai (NTHU), Wen-Ping Chen (NCU), Anil K. Pandey (ARIES, India)
PS15	Modeling Magnetic Fields in Protostellar Cores Using Interferometric Polarization Measurements Lai, Shih-Ping (National Tsing-Hua University)
PS16	Torus-like and Outflow in the Proto-Planetary Nebula IRAS 17150-3224 Tzu-Ying Chen (NTNU/ASIAA), Chin-Fei Lee (ASIAA)

PS17	The circumstellar disk of AB Aurigae: evidence for envelope accretion at late stages of star formation? Ya-Wen Tang (ASIAA), Stephane Guilloteau (LAB/CNRS, France), Vincent Pietu (IRAM, France), Anne Dutrey (LAB/CNRS, France), Paul T. P. Ho (ASIAA; CfA, USA), Nagayoshi Ohashi (Subaru telescope)
PS18	The Infall Motions in the W3(OH) Massive Star-Forming Region Traced by HCO⁺ Wei-Ting Kuo (National Tsing Hua University), Vivien Chen (National Tsing Hua University)
PS19	Orion KL: the Hot Molecular Core - from the Eye of ALMA Yo-Ling, Chuang (National Taiwan Normal University), Yi-Jehng, Kuan (National Taiwan Normal University), Ronny, Zhao-Geisler (National Taiwan Normal University), Yu-Sen, Hsu (National Taiwan Normal University)
PS20	Simulating the collapse of a molecular cloud Sheng-Jun Lin (NTHU), Shih-Ping Lai (NTHU)

C. Stars and Star Clusters, Evolved Stars, and Compact Objects

PS21	Measuring Rotational Speed by High-Dispersion Spectra of Classical Be Stars with Infrared Excess Pei-Min Shen (Graduate Institute of Astronomy, National Central University, Taiwan), Wen-Ping Chen (Graduate Institute of Astronomy, National Central University, Taiwan), Chien-De Lee (Graduate Institute of Astronomy, National Central University, Taiwan)
PS22	Identification of faint members in open cluster by Pan-STARRS and PPMXL data Chung-Kai Huang (Institute of Astronomy, National Central University, Chung-Li, 32001, Taiwan), Chien-Cheng Lin (Institute of Astronomy, National Central University, Chung-Li, 32001, Taiwan), Wen-Ping Chen (Institute of Astronomy, National Central University, Chung-Li, 32001, Taiwan)
PS23	Search for and Characterization of Open Clusters Toward the Galactic Anticenter with Pan-STARRS1 Chien-Cheng Lin (林建爭) (National Central University), Wen-Ping Chen (陳文屏) (National Central University)
PS24	Multi-bands Light Curves of Classical Cepheids from Pan-STARRS1

	<p>3π data : Preliminary Results Based on Differential Photometry</p> <p>I-Ling, Lin (Graduate Institute of Astronomy, National Central University, Jhongli City, 32001, Taiwan), Chow-Choong Ngeow (Graduate Institute of Astronomy, National Central University, Jhongli City, 32001, Taiwan)</p>
PS25	<p>Spectro-imaging of the Mira variable W Hya with MIDI/VLTI</p> <p>Ronny Zhao-Geisler (National Taiwan Normal University, Taipei, Taiwan and Institute of Astronomy and Astrophysics, Academia Sinica, Taipei, Taiwan), Rainer Kohler (Max-Planck-Institut für Astronomy, Heidelberg, Germany), Andreas Quirrenbach (Zentrum für Astronomie der Universität Heidelberg, Heidelberg, Germany), Bruno Lopez (Laboratoire J.-L. Lagrange, Nice, France)</p>
PS26	<p>Molecules in Planetary Nebula</p> <p>Tatsuhiko Hasegawa (ASIAA)</p>
PS27	<p>Periodogram Analysis and Space Motion of AZ Capricorni – A Low-Mass Member in the Beta Pictoris Moving Group</p> <p>C. Y. Chen (陳長耀) (Dept. of Physics, National Central University, Taiwan), W. P. Chen (陳文屏) (Dept. of Physics, National Central University, Taiwan, Institute of Astronomy, National Central University, Taiwan)</p>
PS28	<p>Swift X-ray Source Catalog</p> <p>Kwan Lok (Li) (NTHU)</p>
PS29	<p>Discovery of X-ray Pulsation from the Geminga-like Pulsar PSR J2021+4026</p> <p>Kaiting Li (China Medical University), Chun-Yu Hsu (National Chung-Hsin University), Lupin Lin (China Medical University), Chin-Ping Hu (National Central University), Yi Chou (National Central University), Regina Huang (National Tsing-Hua University), Jason Wu (National Tsing-Hua University)</p>
PS30	<p>Simulating x-ray emission from the Fermi Bubbles at the Galactic center</p> <p>Chung-Ming Ko (Institute of Astronomy, Department of Physics and Center for Complex Systems, National Central University, Jhongli, Taiwan 320, R.O.C.), Chung-Ming Ko (Institute of Astronomy, Department of Physics and Center for Complex Systems, National Central University, Jhongli, Taiwan 320, R.O.C.)</p>

D. Extragalactic

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PS32	Elliptical galaxies in different environments Chen Jhen-Yu (陳振予) (Institute of Astronomy, National Central University), Hwang Chorng-Yuan (黃崇源) (Institute of Astronomy, National Central University)
PS33	A young low-mass extremely star formation galaxy class at $z < 2$ Chen Fatt Lim (National Taiwan Normal University), Chen Fatt Lim (National Taiwan Normal University)
PS34	Investigate the y-and images of merging galaxy systems Lin Yi-Fan (National Central University), Hwang Chorng-Yuan (National Central University)
PS35	Use the N-nearest Neighbours Method estimate the evolution of galaxy property and environment from $z=0$ 2 with the data of UKIDSS-UDS Kuan Chen (NTNU), Sebastien R.A. Foucaud (NTNU)
PS36	The Relation between large scale structure and kinematic and photometric properties of galaxies. Shou-Lun Cheng (National Taiwan Normal University), Yasuhiro Hashimoto (National Taiwan Normal University)
PS37	K-band selected galaxy luminosity function in cluster Chi-Chun Lung (National Taiwan Normal University), Yasuhiro Hashimoto (National Taiwan Normal University)
PS38	Estimate Mass of Galaxy Clusters via Counting Hao-Yuan Duan 段皓元 (ASIAA), Yen-Ting Lin 林彥廷 (ASIAA)
PS39	Can MOND explain the velocity dispersion measurement in clusters of galaxies? Chia-Jung Chuang (莊佳蓉) (Institute of Astronomy, National Central University, Jhongli, Taiwan 320, R.O.C.), Chung-Ming Ko (Institute of Astronomy, Department of Physics and Center for Complex Systems, National Central University, Jhongli, Taiwan 320, R.O.C.), Ting-Hung Peng (Institute of Astronomy, National Central University, Jhongli, Taiwan 320, R.O.C.)
PS40	Environmental effects on the relations between star formation history and clustercentric distance in the Shapley Supercluster Pei-Li Ho (NTNU/CWB), Lin-Wen Chen (NTNU)

PS41	The Role of the Intra-group Medium on Group Galaxy Evolution Zong-Xian Gao (高宗賢) (Department of Earth Sciences, National Taiwan Normal University), Lin-Wen Chen (陳林文) (Department of Earth Sciences, National Taiwan Normal University)
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PS43	Determining the dust composition of AGN from Spitzer-IRS Spectroscopy Huan-Ting Peng (NTNU, ASIAA), F.Markwick-Kemper (ASIAA), Srinivasan, Sundar (ASIAA), Sebastien Foucaud (NTNU)
PS44	The spatial distribution of AGNs in and outside of clusters. Chia-Ju Hsu (National Taiwan Normal University), Yasuhiro Hashimoto (National Taiwan Normal University)
PS45	Investigation of the Relation Between Dust-to-Gas Ratio and Metallicity by Gamma Ray Burst Afterglow Extinction 郭子銘 (Kuo, Tzu-Ming) (中央研究院天文及天文物理研究所／國立臺灣大學物理學系), 平下博之 (Hirashita, Hiroyuki) (中央研究院天文及天文物理研究所)

E. New Observing Facilities, Instrumentation and Spectroscopy

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PS47	Angular and Polarization Correlations of Double-Excitation Resonances in Mg Cheng-Liang Lu (盧政良) (Department of Physics, National Taiwan University, Taipei, Taiwan 106, Republic of China), Ju-Tang Hsiao (蕭儒棠) (Research Center for Testing and Assessment, National Academy for Educational Research, New Taipei City, Taiwan 237, R.O.C.), Hsin-Chang Chi (紀信昌) (Department of Physics, National Dong Hwa University, Hualien, Taiwan 974, R.O.C.), Keh-Ning Huang (黃克寧) (Institute of Atomic and Molecular Sciences, Academia Sinica, P.O. Box 23-166, Taipei, Taiwan 106, Republic of China)
PS48	How to make an astronomical CCD imager?

	Kinoshita Daisuke (Institute of Astronomy, National Central University), Chen Tse-Chuan (Institute of Astronomy, National Central University)
PS49	The ALMA Project: Status and Science Yu-Nung Su (ASIAA), ALMA-T ARC (ASIAA)
PS50	Possible THz Single-Dish Science by Greenland Telescope Hiroyuki Hirashita (ASIAA), Satoki Matsushita (ASIAA), Patrick M. Koch (ASIAA), GLT team (ASIAA)
PS51	Status of Pan-STARRS data and servers in Taiwan Jhen-Kuei Guo (Graduate Institute of Astronomy, National Central University), Wen-Ping Chen (Graduate Institute of Astronomy, National Central University), Yung-Hsin Chang (Graduate Institute of Astronomy, National Central University)
PS52	Current Status of the Nuclear Compton Telescope (NCT) Jeng-Lun Chiu (Institute of Astronomy, NTHU), Chien-Ying Yang (Institute of Astronomy, NTHU), Jie-Rou Shang (Institute of Astronomy, NTHU), Chao-Hsiung Tseng (Institute of Astronomy, NTHU), Hsiang-Kuang Chang (Department of Physics, NTHU), Steven E. Boggs (Space Sciences Laboratory, UC. Berkeley)

F. Education and Public Outreach

PE1	Development of the Astronomy-themed Interdisciplinary Curriculum At Taipei First Girls' High School Shan-Chien Yang (Taipei First Girls' High School), Yu-Mei Lin (Taipei First Girls' High School), Shih- Ping Lai (Department of Physics, National Tsing-Hua University), Albert Kong (Department of Physics, National Tsing-Hua University), Hsiang-Kuang Chang (Department of Physics, National Tsing-Hua University), Pin-Han Wu (Taipei First Girls' High School), Li-Fen Jan (Taipei First Girls' High School)
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