

A LIST OF POSTER PRESENTATIONS

A poster board will fit the A0 size poster (W: 84.1 cm H: 118.9 cm). Poster sessions are held on Monday (Dec. 3) and Thursday (Dec. 6). Good posters will be awarded.

- P001 Tadayuki Kodama (NAOJ) *'From Mahalo-Subaru to Gracias-ALMA: Resolving Galaxy Formation at Its Peak Epoch'*
- P002 Kenta Suzuki (U. Tokyo) *'Sub-mm Single-dish and Interferometric Observations of the Proto-cluster around 4C 23.56 at $z = 2.5$ '*
- P003 Ikkoh Shimizu (Osaka Sangyo U.) *'Sub-millimetre Galaxies in Cosmological Hydrodynamic Simulations: Source Number Counts and the Spatial Clustering'*
- P004 Soh Ikarashi (U. Tokyo) *'AzTEC/ASTE Deep and Wide Submillimeter Galaxy Survey in the Subaru/XMM-Newton Deep Field: Identification of VLA, Spitzer and Herschel Counterparts to 1100- μ m-Selected Galaxies and Redshifts'*
- P005 Bunyo Hatsukade (Kyoto U.) *'Clustering Properties of 1.1 mm-selected Submillimetre Galaxies Uncovered by AzTEC Deep Surveys'*
- P006 Hideki Umehata (U. Tokyo) *'Submillimeter Galaxies in the SSA22 Protocluster at $z=3.1$ '*
- P007 Daisuke Iono (NAOJ) *'CO Observations of Distant Bright Galaxies at the 45m'*
- P008 Anita Bagora (Jaipur National U.) *'Cosmological Model With Barotropic Fluid Distribution'*
- P009 Hiroyuki Kaneko (U. Tsukuba) *'Molecular Gas Properties and Star Formation in Interacting Galaxies'*
- P010 Kyoko Onishi (Sokendai/NAOJ) *'New Method to Derive Black Hole Mass with Radio Observation'*
- P011 Shinya Komugi (JAO) *'Towards a Comprehensive Law of the Interstellar Medium'*
- P012 Shinya Komugi (JAO) *'The Star Formation Law in Similar-Age Regions: Case Study of the Early-Phase Interacting Galaxy Taffy I'*
- P013 Kazunori Akiyama (U. Tokyo/NAOJ) *'Microarcsecond Structures of FSRQs 3C 279 and NRAO 530 Revealed by Event Horizon Telescope Observations'*
- P014 Kana Matsui (NAOJ) *'Detection of CO($J = 1-0$) Emission from Barred Spiral Galaxies at $z \sim 0.1$ '*
- P015 Tsuyoshi Sawada (JAO) *'Structured Molecular Gas Reveals Galactic Spiral'*

Arms'

- P016 Yusuke Miyamoto (U. Tsukuba) *'Disruption of Giant Molecular Associations by Shear Motion in the Spiral Galaxy M51'*
- P017 Hsi-An Pan (Sokendai/NAOJ) *'Kennicutt-Schmidt Law From Nearby Galactic Center to the Disk: On the Aspect of ^{13}CO '*
- P018 Satoki Matsushita (ASIAA) *'Feedback Mechanisms of Starbursts and AGNs through Molecular Outflows'*
- P019 Masato Tsuboi (ISAS/JAXA) *'Boiling Molecular Cloud in the Central Molecular Zone'*
- P020 Toshiki Saito (U. Tokyo/NAOJ) *'ALMA Observations of the IR-Bright Merger VV114'*
- P021 Fumi Egusa (ISAS/JAXA) *'Interstellar Dust Properties of M51 from AKARI Mid-Infrared Images'*
- P022 Minju Lee (Kagoshima U.) *'Jet Kinematics and Absorbing Matter in the Quasar 1413+135'*
- P023 Akihiro Doi (ISAS/JAXA) *'ALMA Cycle-0 Observation of the Sombrero Galaxy (M104)'*
- P024 Yoshiaki Hagiwara (NAOJ) *'Search for Extragalactic H_2O Maser toward Active Galaxies'*
- P025 Takuji Yamashita (Tokyo Institute of Technology, ISAS/JAXA) *' $^{12}\text{CO}(J=1-0)$ Survey with NRO 45m of GOALS Luminous Infrared Galaxies: Star Formation Efficiency against Galactic Merger and AGN Activity'*
- P026 Tac Nakajima (Nagoya U.) *'Nobeyama 45 m Telescope Legacy Project: Line Survey of Galaxies'*
- P027 Kouichiro Nakanishi (NAOJ) *'Star-Formation Types and Molecular Gas in Nearby Spiral Galaxy NGC 253: Suggestion for High-Redshift Star-Formation Activities'*
- P028 Ken Tateuchi (U. Tokyo) *'Distributions of Dusty Star Forming Region in Local Starburst Galaxies'*
- P029 Sachiko Onodera (Meisei U.) *'NRO M33 All-Disk Survey of Giant Molecular Clouds (NRO MAGiC): Properties of Giant Molecular Clouds in M33'*
- P030 Tomoka Tosaki (Joetsu U. of Education) *'Molecular Gas and Star formation in Giant HII regions of M33'*
- P031 Takashi Shimonishi (Kobe U.) *'Spectroscopic Observations of YSOs in the Magellanic Clouds: Current and Future Studies'*
- P032 Takuma Izumi (U. Tokyo) *'X-ray Irradiated Dense Molecular Medium in the*

Active Nucleus of NGC 1097

- P033 Hirota Akihiko (NAOJ) *'Wide-Field ^{12}CO ($J=1-0$) Imaging of the Nearby Barred Galaxy M83 with the NMA and the 45m Telescope'*
- P034 Kohji Tomisaka (NAOJ) *'Expected Observations of Star Formation Process: from Molecular Cloud Core to Protostar Phase'*
- P035 Silke Andree (U. Cologne) *'Three-dimensional Modeling of the Emission of Clumpy PDRs'*
- P036 Francois Levrier (LRA, ENS/Paris Observatory) *'Simulated ALMA Observations of First Larson Cores in Collapsing Low-Mass Dense Cores'*
- P037 Chang-Won Lee (Korea Astronomy & Space Science Institute) *'Early Star-Forming Processes in Dense Molecular Cloud L328 Containing a VeLLO, L328-IRS'*
- P038 Javier A. Rodon (ESO Santiago) *'Fragmentation and Age of Massive Star-Forming Regions'*
- P039 Johan E. Lindberg (U. Copenhagen) *'Physics and Chemistry of Strongly Irradiated Protostars in Corona Australis'*
- P040 Takahiro Yamaguchi (U. Tokyo) *'The Shock Chemistry in Low-Mass Star-Forming Regions'*
- P041 Claudine Kahane (Grenoble Observatory) *'Probing the Star Forming Cores Properties via Rotational Diagrams : Are We all Wrong ? The Case of CH_3CN '*
- P042 Tomoya Hirota (NAOJ) *'Observational Studies of Chemically Young Dark Cloud Cores'*
- P043 Tomoya Hirota (NAOJ) *'High-resolution Observations of Centimeter / (Sub)millimeter H_2O masers in Orion KL with VERA and ALMA'*
- P044 Taiki Suzuki (Sokendai) *'Distribution of CCS and HC_3N in L1147'*
- P045 James Green (CSIRO) *'Masers Signposting the Structure, Dynamics and Magnetic Fields of Star Formation within Our Galaxy'*
- P046 Takuhiro Aota (Kobe U.) *'The Shock Chemistry of Phosphorus in the L1157 B1 Shocked Region'*
- P047 Sanhueza Patricio (Boston U.) *'Chemistry and the "Prestellar" or "Starless" Nature of the Infrared Dark Cloud (IRDC) G028.23-00.19'*
- P048 Nicole Bailey (U. Western Ontario) *'Two-Stage Fragmentation for Cluster Formation'*
- P049 Yoshito Shimajiri (NAOJ) *'Line-Survey Observations at 82-106 GHz and 335-355 GHz toward Outflow-Interacting Region, OMC-2/FIR 4'*

- P050 Yuri Nishimura (U. Tokyo) *'Observations of Deuterated Species toward Low-Mass Prestellar and Protostellar Cores'*
- P051 Satoshi Ohashi (U. Tokyo) *'Mapping Observations of the NH₃ (1,1), (2,2) and (3,3) in the Horsehead Nebula and the NGC 2023 Region with the Nobeyama 45 m Telescope'*
- P052 Koichiro Sugiyama (Yamaguchi U.) *'The VLBI Imaging Survey of the 6.7 GHz Methanol Masers using the JVN/EAVN'*
- P053 Hiroshi Inokuma (U. Tokyo) *'Statistical Equilibrium Calculations of OH: Interpretation of the 1612 MHz Line in HCL2'*
- P054 Tatsuya Soma (U. Tokyo) *'Abundant CH₃OH in the Starless Core TMC-1'*
- P055 Yoshimasa Watanabe (U. Tokyo) *'The 0.8 mm Spectral Line Survey toward Low-Mass Protostellar Cores with ASTE'*
- P056 Kazuhito Dobashi (Tokyo Gakugei U.) *'Atlas and Catalog of Dark Clouds Based on the 2 Micron All Sky Survey. II. Correction of the Background Using the Besancon Galaxy Model'*
- P057 Tomoya Tokudome (U. Tokyo) *'Nobeyama 45m Telescope Legacy Project: Line Survey of L1527'*
- P058 Shibata Daiki (U. Tokyo) *'Deuterium Fractionation in Low-Mass Star Forming Regions'*
- P059 Tomohiro Tanaka (Osaka Prefecture U.) *'The Dynamical State of a Filamentary Infrared Dark Cloud, Serpens South'*
- P060 Tomomi Shimoikura (Tokyo Gakugei U.) *'Cluster Formation in the Sh247/ Sh252/ BFS52 Regions'*
- P061 Sheng-Yuan Liu (ASIAA) *'Nobeyama 45m Telescope Legacy Project: Line Survey of IRDC G28.34+0.06'*
- P062 Nagisa Shino (Sokendai) *'Testing the Formation Scenario of Massive Star by CH₃OH Maser'*
- P063 Shu-ichiro Inutsuka (Nagoya U.) *'Multi-Phase Dynamics of Magnetized Interstellar Medium'*
- P064 Takeshi Sakai (U. Tokyo) *'Chemical Compositions of Massive Clumps in Early Evolutionary Stages of High-mass Star Formation'*
- P065 Osamu Kameya (NAOJ) *'Water Vapor Masers in the NGC7538 Region'*
- P066 Chihomi Hara (U. Tokyo/NAOJ) *'Discovery of the Rotating Molecular Outflow and Disk in the Class-0/I Protostar [BHB2007]#11 in Pipe'*
- P067 Toshiya Akashi (Tokyo Institute of Technology) *'CO Line Observations in the L1551 Cloud with the Nobeyama 45 m Telescope'*

- P068 Kazuhiro Kiyokane (U. Tokyo) *'Mapping Observation toward Protostellar Core L1527'*
- P069 Kaori Kobayashi (U. Toyama) *'A Study on the Excitation Mechanism of Methyl Formate in Orion KL by Using Transitions in the Vibrational Excited States'*
- P070 Shadi Chitsazzadeh (U. Victoria) *'Molecular Emission Observations of Starless Cores on the Brink'*
- P071 Kazuhito Motogi (Yamaguchi U.) *'New Detection of an Extremely Blue-Shift Dominated Jet in G353.273+0.641: A Possible Disk-Jet System on 100 AU Scale'*
- P072 Hiroyuki Maezawa (Osaka Prefecture U.) *'Millimeter-Wave Band Monitoring Observations of Solar System Planetary Atmospheres with an Exclusive Ground-Based 10m-Telescope for SPART Project'*
- P073 Miguel A. Trinidad (U. Guanajuato) *'Water Masers Tracing a Circumstellar Disk toward IRAS~23033+5951'*
- P074 Kenji Furuya (Kobe U.) *'Deuterated Water in Turbulent Protoplanetary Disks/ Molecular Evolution in the First Hydrostatic Core Phase Adapting Three-Dimensional'*
- P075 Kenji Furuya (Kobe U.) *'Molecular Evolution in the First Hydrostatic Core Phase Adapting Three-Dimensional Radiation Hydrodynamic Simulations'*
- P076 Eiji Akiyama (NAOJ) *'The Temperature and Surface Density Structures of a Typical Full Disk around MWC 480'*
- P077 Shigeru Takahashi (NAOJ) *'A Search for Water Masers in Icy Bodies of the Solar System'*
- P078 Munetake Momose (Ibaraki U.) *'Near-Infrared Imaging Observations of Circumstellar Disk around HD 169142 with Subaru/HiCIAO'*
- P079 Takashi Tsukagoshi (Ibaraki U.) *'Submillimeter and Near Infrared Studies for the Extreme Transition Disk around Sz 91'*
- P080 Daiki Ishimoto (Kyoto U.) *'The Influences of Disk Winds on Chemical Evolution of Protoplanetary Disks'*
- P081 Stephane Guilloteau (U. Bordeaux) *'Turbulence in Proto-Planetary Disks: CS as an Analytical Tracer'*
- P082 Alfonso Trejo (ASIAA) *'The Mass Loss History of WX Psc'*
- P083 Yoichi TAMURA (U. Tokyo) *'A New "Off-Point-Less" Method for Mm/Submm Spectroscopy with a Frequency-Modulation Local Oscillator'*
- P084 Kazuki Tokuda (Osaka Prefecture U.) *'A New 45 GHz Band Receiver with Dual*

- Polarization for NRO 45-m Telescope*
- P085 Seiji Kamenon (Kagoshima U.) *'Optimization of Bandpass Calibration in Radio Spectroscopy'*
- P086 Seiji Kamenon (Kagoshima U.) *'ALMA Extended Array'*
- P087 Izumi Mizuno (Kagoshima U.) *'Polarization Calibration Plans for Single-Dish Radio Observations'*
- P088 Daniel Espada (NAOJ) *'Science Verification in the EA Imaging Team'*
- P089 Shinichiro Asayama (JAO/NAOJ) *'Astronomical Verification for ALMA Array Element'*
- P090 Peter Schilke (U. Cologne) *'3-d Modeling of Interferometric Data Cubes'*
- P091 Samantha K. Blair (JAO) *'Antenna Surface Measurements Using Astronomical Sources'*
- P092 Catherine Vlahakis (JAO) *'ALMA Science Verification Results'*
- P093 Kenta Fujisawa (Yamaguchi U.) *'The Japanese VLBI Network'*
- P094 Hiroshi Nagai (NAOJ) *'VLBI Monitoring Programme of AGN Jets in Japan and Future Prospects for Mm/submm VLBI'*
- P095 Yoshinori Yonekura (Ibaraki U.) *'Development of 32-m Radio Telescopes for Monitoring Observations of Methanol Masers, H₂O Masers, and Radio Continuum'*
- P096 Kazuyuki Muraoka (Osaka Prefecture U.) *'Test Observations of a New 100 GHz Wave-Band FOur-beam REceiver System on the Nobeyama 45-m Telescope (FOREST)'*
- P097 Makoto Inoue (ASIAA) *'The Greenland Telescope (GLT) Project - For Submm VLBI and THz Astronomy'*
- P098 Shiino Tatsuya (U. Tokyo) *'The 0.9 and 1.3 THz Superconducting HEB Mixer Receiver for the ASTE 10 m Telescope'*
- P099 Hideki Ujihara (NICT) *'Development of Wideband Feed and Receiver System for Kashima 34m Antenna'*
- P100 Atsushi Nishimura (Osaka Prefecture U.) *'The 1.85m mm-submm Telescope: A Newly-Developed CO Multi-Line Surveyor'*
- P101 Matsuo Hiroshi (NAOJ) *'Photon Counting Terahertz Interferometry for Exo-Planet Imaging'*