"Mapping the Galaxy and Nearby Galaxies"
Ishigaki, Okinawa, Japan
Hotel Nikko Yaeyama
June 26-30, 2006

(I) invited talk  25min+5min discussion
contributed talk: 17min+3min discussion

6/25(Sun)  17:00-  Registration at Hotel Nikko Yaeyama
18:30-19:30  Welcome Reception

6/26(Mon)

9:00-9:10  Opening the Conference  Keiichi Wada (SOC)

Session I: "Basic Components of the Galaxy and Spiral Galaxies"
chair: N. Arimoto

9:10-12:00
(I) Kazuhito Dobashi, Atlas and Catalog of Dark Clouds Based on Digitized Sky Survey
(I) Toshikazu Onishi, New Views of Molecular Gas Distribution and Star Formation of the Southern Sky with NANTEN
(I) Mark Reid, Parallax and Proper Motion of Methanol Masers Across the Milky Way

10:40-11:00 Coffee Break

Mareki Honma, VERA project
Robert Benjamin, GLIMPSE Constraints on the Parameters of Galactic Stellar Structure
Shuji Deguchi, Dynamics of Stars in the Inner Galactic Bulge revealed from SiO Maser Survey

12:00-14:00 Lunch
Session I (continued)  
Chair: R. Genzel

14:00-18:00

(I) Daniel Pfenniger, The physics of cold gas in galaxy low excitation regions
(I) Lia Athanassoula, Secular Evolution of Disk Galaxies and of their Components
(I) Masashi Chiba, Structure and dynamics of the old Galactic components

16:30-17:00 Coffee Break

(I) Wolfgang Reich, Galactic Magnetic Fields
(I) Ryoji Matsumoto, Global MHD Simulations of Galactic Gas Disks
Keiichi Wada, Numerical modeling of the ISM in the galactic center and disks
Andrew Baker, The Molecular Gas Mass-to-Light Ratio from X-Ray Absorption
Evan Levine, The Warp and Spiral Arms of the Milky Way
6/27(Tue)

Session I:  (cont.)  Chair: F. Combes
9:00-12:00

**Ettore Carretti**, The Parkes Galactic Meridian Survey (PGMS)
**Giles Novak**, Mapping the large-scale magnetic fields of Giant Molecular Clouds
**Jin Koda**, The Elongations and Supersonic Motions of Molecular Clouds
**Caroline Bot**, Millimeter dust continuum emission as a tracer of molecular gas in galaxies

10:20-10:40 Coffee Break

Session II: "The Galactic Center and Central Region of Galaxies"
10:40-12:00

(I) **Paul Martini**, Circumnuclear Dust Structure in Nearby Galaxies
(I) **Johan Knapen**, Star formation in the central regions of galaxies
**Masato Tsuboi**, The cut-off frequency of relativistic electrons in the Radio Arc and their acceleration area

12:00-14:00  Lunch
6/27(Tue)

Session II: (cont.) *Chair: M.Tsuboi*
14:00- 15:00

*Naomasa Nakai,* Probing active galactic nuclei with water-vapor masers
*Eric Emsellem,* Nuclear activity and the origin of sigma-drops: IFU mapping of stellar populations and kinematics in spirals
*Richard Davies,* Star Formation and Molecular Gas in Active Galactic Nuclei

15:00-16:30 Poster Session

Session II: (cont.)
16:30- 17:30

*Santiago Garcia-Burillo,* Probing the feeding and feedback of AGNs through molecular line maps
*Yoshiaki Hyodo,* Suzaku observation of the Galactic center: The origin of highly ionized iron line
*Witold Maciejewski,* Nuclear spirals in galaxies
6/28(Wed)  
Session III:  "Nearby Galaxies"  
Chair: N. Scoville

8:30-12:00

(I)  **Nario Kuno**,  Nobeyama CO Atlas of Nearby Spiral Galaxies
(I)  **Yoshiaki Sofue**,  High-velocity Rotation, Deep Potential, and Dense Molecular Cores in the Spiral Centers
(I)  **Eva Schinnerer**,  Gas Kinematics from the central few 10 pc to the outskirts of galactic disks

10:00-10:20 Coffee Break

(I)  **Francoise Combes**,  Gas flows and bars in nearby galaxies  
**Kotaro Kohno**,  Dense molecular gas in galaxies  
**Sebastien Muller**,  Molecular gas in the Andromeda Galaxy : properties of the molecular clouds  
**Tony Wong**,  Connection between HI and H2

12:00-18:00  **Lunch & Excursion (VERA observatory, Kabira-Bay, etc.)**
6/29(Thu)

9:00-12:00  Session III (cont.)  Chair: N. Nakai

(I) Jonathan Braine, What we know about the outer disks of spiral galaxies
(I) Mike Regan, Mapping the Stars, ISM, and Star Formation in Galaxies with SINGS
Carsten Kramer, A complete CO 2-1 map of M51 with HERA

10:20-10:50 Coffee Break

Thomas Nikola, [CI] and CO(7-6) Observations in Nearby Galaxies
Shinya Komugi, Molecular Gas and Star Formation in the Center of Nearby Galaxies
(I) Linda Tacconi, Dynamical Evolution of Ultraluminous Mergers

12:00-14:00  Lunch

Session III (cont.)  Chair: K. Kohno
14:00-15:00

(I) Richard Wielebinski, Extragalactic Magnetic Fields
Sylvain Veilleux, Galactic Winds

Session IV: "Galactic Evolution and Environment"
15:00-17:30

(I) Jeffrey Kenney, Environmental Effects on Virgo Cluster Galaxies
(I) Bernd Vollmer, Galaxy evolution in the Virgo Cluster

16:00-16:30 Coffee Break

(I) Phillippe Amram, Compact groups: galaxies in rapid evolution
Nobuo Arimoto, Origin of Two Distinct Populations in Dwarf Spheroidal Galaxies

18:00-21:00  Conference Banquet
6/30(Fri)

Session IV (Cont.)  Chair: K. Wada
9:00-12:00

(I) Nick Scoville,  Galaxy Evolution in Large Structures in the COSMOS survey
(I) Reinhard Genzel,  Spatially resolved galaxy kinematics at z~2: Testing mass assembly

10:00-10:30 Coffee Break

(I) Masayuki Umemura,  Coevolution and Downsizing of Supermassive Black Holes and Galactic Bulges
Fabian Walter,  Molecular Gas in the Early Universe
Tadayuki Kodama,  Galaxy Evolution viewed as Functions of Environment and Mass
Naoki Yoshida,  Structure of galactic dark halos in CDM models

12:00 -12:10  Closing the conference  N. Scoville (SOC)
List of Posters

3 Josefa Perez, Colours and chemical properties of interacting galaxies in cosmological hydrodynamical simulations: Environmental effects.
6 Cortes Juan, Stellar and Ionized Gas Kinematics of Peculiar Virgo Cluster Galaxies
7 Masatoshi Imanishi, An infrared observational discovery of the luminosity correlation between AGNs and nuclear starbursts in dusty tori - its implications for an AGN fueling mechanism
17 Gaelle Dumas, Mapping the central parts of nearby galaxies with 3D spectrograph SAURON. A kinematics and morphological comparison between Seyfert and non-active galaxies.
21 Gentile Gianfranco, Dark matter distribution in spiral and dwarf galaxies
25 Eamonn Kerins, The Angstrom Project: probing the M31 bulge with a high time resolution microlensing survey
26 Wolfgang Reich, Revealing Cosmic Magnetism with the Square Kilometre Array
30 Massimo Ricotti, Inferring the nature of the Dark Matter from observations of dwarf galaxies
33 Leonidas Dedes, The outskirts of the Milky Way
36 Marshall Douglas, Modelling the Galactic Interstellar Extinction Distribution in Three Dimensions
37 Martin Bureau, Star Formation in Nearby Early-Type Galaxies: Mapping in UV, Optical, and CO
38 Bernardo Cervantes-Sodi, A physical classification scheme for disk galaxies
41 Mathias Schultheis, Stellar populations in the galactic Bulge Corroboration of and old hypothesis.
42 Conrado Carretero, Detection of the effect of cosmological large-scale structure on the orientation of galaxies.
43 Adriana de Lorenzo-C\'{a}ceres, Galaxies with nested bars: constraining their formation scenarios
44 Monica Rodriguez, Anomalous formaldehyde 6-cm CMB absorption in the Galactic anticenter and in the L1204/S140 region
48 Satoko Sawada-Satoh, Structure and Kinematics of CO (J=2-1) Emission in the Central Region of NGC4258
50 Shoko Jin, Geometrodynamical Distances to the Galaxy's Hydrogen Streams
51 Nozomu Kawakatu, Delectability of Massive tori in Proto-QSOs with ALMA
52 Makoto Miyoshi, Beats and rotation of the accretion disk around the super massive black hole Sagittarius A*
58 Evgeny Griv, Gravitationally unstable gaseous disks of flat galaxies: Spiral structure and dynamical evolution
59 Ayesha Begum, Gas distribution, kinematics and star formation in faint dwarf galaxies
61 Uriel Giveon, New Catalogs of Compact HII Regions in the Milky Way
63 Igor Chilingarian, Evolution of dE galaxies in Abell 496. Kinematics and stellar populations of 39 galaxies
64 Eiichiro Kokubo, Formation of the Comet Cloud by the Galactic Tide
65 Hiroyuki Hirashita, Radio--Far-Infrared Relation of Young Starburst Galaxies
66 Tomoharu Oka, A CO J=3-2 Survey of the Galactic Center
68 Atsushi Miyazaki, Flux variability of Sgr A* at short millimeter wavelengths
69 Yoko Okada, Si and Fe depletion pattern in star-forming regions probed by infrared spectroscopy
70 Daniela Bettoni, Insight about induced star formation: SFR in the shell system of early-type galaxies from UV observations.
71 Kouji Ohnishi, MACRO Lens Toward The Galactic Center
74 John Beckman, The external zones of spiral galaxies:Truncations,No Truncations and Antitruncations.
76 Ruyman Azzollini, Star formation morphology in a sample of local galaxies
79 Diego Alex Garcia-Appadoo, Properties of HI selected galaxies and the contribution of gas-rich LSB galaxies to the local Universe
80 Yuri Beletsky, Mapping extragalactic molecular clouds
81 Catherine Vlahakis, The SCUBA Local Universe Galaxy Survey: Dust along the Hubble sequence
85 Andreas Lundgren, Molecular gas and star formation in the barred spiral galaxy M83
90 Tomoya Hirota, Observations of H$_{2}$O maser sources in nearby molecular clouds with VERA
91 Biwei Jiang, Possible Streams of the Globular Clusters
92 Hiroyuki Nakanishi, Three-Dimensional HI and H$_{2}$ Gas Maps of the Milky Way Galaxy
93 Tsuyoshi Sawada, NRO/CSO/ASTE Galactic Plane CO Survey
94 Teppei Tamaki Radio atlas of supernova remnant at 8.38 GHz
95 Bunyo Hatsukade, A search for molecular gas toward the host galaxy of GRB 980425
96 Shogo Nishiyama, Structure of the Galactic Bulge and Near-infrared Interstellar Extinction Law
97 Takeyasu Sawa, The Origin and Dynamics of the Local Group of Galaxies
98 Noriyuki Matsunaga, The distribution of Mira variables in the Galactic bulge
102 Yasuyuki Watabe, Beyond the Unified Theory: Evolution of Active Galactic Nuclei driven by Starburst Events
104 Preben Grosbol, Young stellar clusters in the Southern spiral arm of NGC 2997
105 Kazuo Sorai, Kinematics of Molecular Gas in the Bar of Maffei 2
107 Makoto Nagai A high-velocity [CI] wing emission toward the M17 molecular cloud
109 Chiaki Kobayashi, GRAPE-SPH simulations of galaxies: from Ellipticals to Milky Way Galaxy
116 Yves Revaz, N-body SPH simulations of H$_{2}$ condensed globules
117 Marijke Haverkorn, Mapping galactic magnetism through Faraday rotation of polarized extragalactic point sources
119 Molly Peeples, Circumnuclear Dust Structures and Bar strengths in Nearby Galaxies
120 Stefanie Muehle, Starbursts in Metal-Poor Environments: The Interrelation between Violent Star Formation and the ISM in NGC1569
124 Jingyao Hu, The Milky Way Galaxy with the LAMOST telescope
125 Toshihiro Handa, An extremely large column density cloud G0.11-0.11 in the Galactic Center region
127 Akiko Kawamura, Molecular Clouds and Star Formation in the Magellanic System by NANTEN
128 Joshua Goldston, Mapping the Galactic ISM with GALFA
129 Gerhardt Meurer, Star Formation Correlations in HI Selected Galaxies
130 Masahiro Nagashima Evaporation of tiny HI clouds: possible probes of physical state of the Galactic gas disk
134 Fumi Egusa, Determination of Pattern Speed and Star Formation Timescale in Nearby Spiral Galaxies
137 Mikito Tanaka, A Subaru/Suprime-Cam Survey of the Andromeda Giant Stream: constraints of the dwarf galaxy as the stream's progenitor
138 Aya Yamauchi, Water-Vapor Maser Disk at the Nucleus of the Seyfert 2 IC 2560
140 Pei-Ying Hsieh, Circumnuclear molecular gas in the Seyfert 1 galaxy NGC 1097
142 Takashi Okamoto, Simulations of coevolving galaxies and supermassive black holes
144 Akio Inoue, Ultraviolet colours and dust properties of nearby normal galaxies
145 Yoshikazu Nakada, Inclination angle of the LMC disk
146 Piero Ranalli, Chemical abundances of the hot gas in M82
147 Osamu Kameya, H$_{2}$O Maser Distributions in the NGC7538 Molecular Cloud Core
148 Takayuki Saitoh, Tidal disruption of dark matter halos around proto-globular cluster
149 Kunihiko Tanaka, Detailed Distribution of Shocked Molecular Gas in the $l=1.3^\circ$ Complex
150 Asao Habe, Gas Feeding to the Galactic Center region within 10pc in Our Galaxy
151 Satoki Matsushita, Molecular Bubbles and Outflows in the Edge-On Starburst Galaxies M82 and NGC 2146
154 Tomoka Tosaki, Giant Molecular Association in Spiral Arms of M 31: Evidence for dense gas formation via spiral shock associated with density waves?
155 Akihiko Hirota, Giant Molecular Clouds in the Nearby Barred Spiral Galaxy IC342
158 Rie Miura, Dense Clouds and Star formation on Spiral Arm in M33 -deep CO and HCN observation in NGC604
159 Sumio Ishizuki, Molecular gas in and around the starburst ring of the minor-merger NGC 3310
160 Lien-Hsuan Lin, Dust Lanes and Starburst Rings in Bar-spiral Galaxies
161 Takeshi Okuda, Nuclear Molecular Gas and Star Formation in Nearby Early-type Spiral Galaxies
163 Hidenori Matsui, The effects of a supermassive black hole binary on a nuclear gas disk
164 Kazuyuki Muraoka, CO(J=3-2) wide area imaging of M83 using ASTE
165 Kouichiro Nakanishi, Radio continuum and water vapor maser monitoring toward the luminous infrared galaxy NGC 6240
167 Carlos Gonzalez Fernandez, TCS-CAIN: a deep multi-colour NIR survey of the Galactic plane
168 Kazuhsia Kamegai, Atomic Carbon in the Southern Galactic Plane
170 Chien-Chang Yen, Structure, Evolution and Instability of a Self-gravitating Disk subject to a Rapidly Rotating Bar
173 Yoichi Tamura, HCN and HCO$^+$ Imaging of the Antennae Galaxy: Distribution and Evolution of Dense Molecular Gas in a Colliding Galaxy
175 Kazuya Hachisuka, Water maser sources at the outer Galaxy
179 Terry Mahoney, Mapping the inner boxy bulge of the Milky Way
180 Makoto Inoue, Possible detection of outer plasma around AGN jets
181 Hiroshi Nagai, Kinematic Aging and Spectral Aging in Young Radio Galaxies
187 Koji Sugitani, Nearby Galaxy Imaging with WFGS2 and SIRIUS
188 Takumi Nagayama A Wide Survey in NH3 Lines of the Central 200 pc around the Galactic Center with the Kagoshima 6 meter Radio Telescope
189 Youngung Lee, Giant Molecular Clouds are more concentrated toward spiral arms than smaller clouds
191 Sungeun Kim, AST/RO Observations of the Galaxy and the Magellanic Clouds