

## TABLE OF CONTENTS

<b>PRESENTATIONS.....</b>	<b>1</b>
<b>Monday .....</b>	<b>1</b>
Black Holes: Close to the Event Horizon— <i>C. Reynolds</i> .....	1
AGN Outflows— <i>J. Reeves</i> .....	1
AGN Structure: Clues from X-ray Spectra Variability— <i>M. Elvis</i> .....	2
GLAST and Suzaku— <i>R. Sambruna</i> .....	2
Spectral Variability of Type 1 AGNs Observed with Suzaku— <i>Y. Terashima</i> .....	2
Suzaku View of Powerful Gamma-ray Quasars and TeV Blazars— <i>J. Kataoka</i> .....	3
Continuum of Stellar Mass Black Holes— <i>C. Done</i> .....	3
Fe-K Accretion Disk Diagnostics from Suzaku Observations of the LINER NGC 1052: A Tool to Probe Disk-Jet Coupling— <i>L. Brenneman</i> .....	4
Suzaku Observations of NGC4395: Very Hard X-ray Spectrum and Strong Variability of the Smallest Known AGN— <i>Y. Tanaka</i> .....	4
Herschel and Suzaku— <i>W. Latter</i> .....	5
<b>Tuesday .....</b>	<b>6</b>
Spatial Distribution of the Galactic Diffuse X-rays and the Spectral/Timing Study of the 6.4-keV Clumps— <i>K. Koyama</i> .....	6
The Hot Diffuse Interstellar Medium— <i>R. Shelton</i> .....	6
The Origin of the 6.7-keV Line in the Galactic Center Region Suggested by the Suzaku and NIR Data— <i>T. Tsuru</i> .....	7
Suzaku Detection of Non-thermal X-ray Emission in the LMC Superbubble N11— <i>L. Maddox</i> .....	8
Investigation of the Galactic Bulge Emission with Suzaku— <i>M. Kokubun</i> .....	8
Groups of Galaxies— <i>M. Loewenstein</i> .....	9
Type Ia and II Supernovae Contributions to the Metal Enrichment in Intra-cluster Medium Observed with Suzaku— <i>K. Sato</i> .....	9
Suzaku Observations of the Outskirts of A399/A401— <i>Y. Fujita</i> .....	10
Suzaku Observations of Clusters— <i>J. P. Henry</i> .....	10
Search for the Missing Baryons— <i>T. Ohashi</i> .....	11
Hard X-ray Emission from Clusters— <i>Y. Fukazawa</i> .....	11
Suzaku XIS, HXD, and XMM-Newton Observations of Thermal and Non-thermal Emission at Large Radii in the Merging Cluster Abell 3667— <i>C. Sarazin</i> .....	12
Neutron Star X-ray Binaries— <i>K. Makishima</i> .....	13
Relativistic Iron Emission Lines in Neutron Star LMXBs as Probes of Neutron Star Radii— <i>E. Cackett</i> .....	14
Suzaku Observations of the X-ray Emission from Comets— <i>G. Brown</i> .....	14
Suzaku Wide-Band All-Sky Monitor Observations of GRB Prompt Emissions— <i>K. Yamaoka</i> .....	15
<b>Wednesday.....</b>	<b>16</b>
Thermal Emission from Supernova Remnants with Suzaku— <i>U. Hwang</i> .....	16
Non-thermal Supernova Remnants— <i>A. Bamba</i> .....	16
New Insights into Cosmic-ray Acceleration in SNRs— <i>Y. Uchiyama</i> .....	16
Discovery of the Extended X-ray Emission from the Dark Accelerator HESSJ1614-518— <i>H. Matsumoto</i> .....	17
Suzaku Observations of SNR RX J1713.7-3946 in the Energy Range from 0.4 keV up to 40 keV— <i>T. Tanaka</i> .....	17
Suzaku Studies of Stellar X-ray Emission— <i>M. Tsujimoto</i> .....	18
Observing IGR J16318-4848 with Suzaku: Probing Compton-thick Absorption— <i>K. Pottschmidt</i> ....	18
Suzaku Observation of Anomalous X-ray Pulsar 4U 0142+61— <i>T. Enoto</i> .....	19

## POSTER SESSION A.....20

A1: A Novel Technique of Point Sources Extraction with the HXD Applied on the G.C. Region— <i>K. Tamura</i> .....	20
A2: JUDO and UDON—New Quick Look Tools with Interactive Web Interface— <i>H. Murakami</i> .....	21
A3: Flying in XSPEC with Suzaku— <i>K. Arnaud</i> .....	21
A4: Automated Analysis of Chandra, XMM-Newton and Suzaku Data— <i>A. Ptak</i> .....	22
A5: Effects of Neutrons on HXD-PIN Onboard Suzaku: Residual Background and Solar Flare Signals— <i>T. Kitaguchi</i> .....	23
A6: Suzaku-WAM Soft Gamma-ray All-sky Monitor by the Earth Occultation Technique— <i>Y. Fukazawa</i> .....	24
A7: Constraints on Non-thermal Emission of the Abell 2199 Cluster with Suzaku— <i>M. Kawaharada</i> .....	24
A8: Reconstructing Mass Profiles in Galaxy Clusters— <i>S. Ettori</i> .....	25
A9: AGN-driven Phenomena in Cooling Cluster Cores— <i>A. Simionescu</i> .....	25
A10: Possible Non-thermal Nature of the Excess Soft X-ray Emission in the Cluster of Galaxies SÈrsic 159-03— <i>N. Werner</i> .....	26
A11: Temperature and Metallicity Profiles of Nearby Regular Clusters of Galaxies Observed with Suzaku— <i>N. Tawa</i> .....	26
A12: Suzaku Observations of Abell 85: ICM Properties and Physical Processes in Each Region— <i>N. Tanaka</i> .....	27
A13: Suzaku Observation of A2256: Search for Bulk Motion and Non-thermal Emission— <i>K. Hayashida</i> .....	28
A14: No Presence of Strong O-line Excess in Coma Outskirts— <i>Y. Takei</i> .....	29
A15: Suzaku, Chandra, and XMM-Newton Analysis of Abell 2204: The Galaxy Cluster Gas Temperature Profile from 10 kpc to 1800 kpc— <i>T. Reiprich</i> .....	30
A16: X-ray Temperature and Mass Measurements to the Virial Radius of A 1413— <i>A. Hoshino</i> .....	31
A17: Suzaku Observation of Ophiuchus Cluster— <i>A. Furuzawa</i> .....	32
A18: “PIN”-ning Down a Non-thermal Component in the Hard X-ray Emission of the Coma Cluster with Suzaku HXD/XIS and XMM-Newton Observations— <i>D. Wik</i> .....	33
A19: Suzaku Observations of the Bullet Cluster— <i>G. Madejski</i> .....	34
A20: The Soft X-ray Excess of Clusters of Galaxies: Cross-correlating Suzaku, XMM, Chandra, and ROSAT— <i>R. Lieu</i> .....	34
A21: Hard X-ray Properties of a Merging Cluster Abell 3667 as Observed with Suzaku— <i>K. Nakazawa</i> .....	35
A22: Intermediate-Redshift Groups in the XBootes Survey: First Results from Suzaku and Chandra— <i>E. Miller</i> .....	36
A23: Suzaku Observation of HCG 62: Temperature, Abundance, and Extended Hard X-ray Emission Profiles— <i>K. Tokoi</i> .....	37
A24: The Symbiotic SS73 17 Seen with Suzaku— <i>R. Smith</i> .....	38
A25: Hard X-ray Emission from Eta Carinae— <i>R. Walter</i> .....	38
A26: Suzaku Observations of Eta Carinae—Hard X-ray Spectrum above 10 keV— <i>K. Hamaguchi</i> ..	39
A27: Hard X-ray Emission from Symbiotic Stars Observed with Suzaku— <i>G. Luna</i> .....	40
A28: Suzaku Observations of Two Intermediate Polars— <i>K. Mukai</i> .....	40
A29: V723 Cas: Just a Slow Nova?— <i>J-U. Ness</i> .....	41
A30: Suzaku Discovery of Hard X-ray Pulsation from the Rotating Magnetized White Dwarf, AE Aquarii— <i>Y. Terada</i> .....	41
A31: XMM-Newton Observations of the Super Soft Source CAL87— <i>D. Takei</i> .....	42
A32: Suzaku Wide Band Spectroscopy of AXP 1E 1841-045— <i>M. Morii</i> .....	42
A33: Suzaku ToO Observations of Two SGPs 1806-20 and 1900+14— <i>Y. Nakagawa</i> .....	43
A34: The Suzaku HXD-WAM in the 3 <sup>rd</sup> Interplanetary Network— <i>K. Hurley</i> .....	44
A35: Suzaku ToO Observations of Gamma-ray Burst X-ray Afterglow— <i>Y. Nakagawa</i> .....	45
A36: The Spectral Properties of the Prompt Emission of Short Gamma-ray Bursts Observed by the Suzaku Wide-band All-sky Monitor— <i>M. Ohno</i> .....	46
A37: Spectral Variability of Long GRB Observed by Suzaku-WAM— <i>K. Onda</i> .....	47
A38: Suzaku Detection of O VII Emission Line Induced by Charge Exchange Between Solar Wind and Neutral Gas in the Earth’s Exosphere near the Celestial Equator— <i>Y. Ezoe</i> .....	48

A39: Quantitative Evaluation of Soft X-ray Emission from the Geocorona Induced by the Solar Wind Charge Exchange— <i>T. Hagihara</i> .....	49
A40: Observing Solar Wind Charge Exchange with Suzaku and XMM-Newton— <i>D. Henley</i> .....	50
A41: X-ray Observations of Unidentified Galactic Very High Energy Sources— <i>G. Pühlhofer</i> .....	51
A42: Suzaku Observation of the Unidentified VHE Gamma-ray Source HESS J1837-069— <i>T. Anada</i> .....	52
A43: The Suzaku View of the Vela X Central Region— <i>K. Mori</i> .....	53
A44: Monitoring PSR B1509-58 with RXTE: Spectral Analysis 1996-2005— <i>K. Pottschmidt</i> .....	53
A45: The High-Energy X-ray Spectrum of Cas A: Non-thermal Brem. v. Synchrotron Radiation— <i>G. Allen</i> .....	54
A46: The Young Supernova Remnant CTB37B Observed with Suzaku— <i>R. Nakamura</i> .....	54
A47: X-ray Studies of Evolved Supernova Remnants— <i>S. Katsuda</i> .....	55
A48: X-ray Spectroscopy of SN 1006 with Suzaku— <i>H. Yamaguchi</i> .....	55
A49: Ejecta Structure of O-Rich Supernova Remnant 0103-72.6 in the Small Magellanic Cloud— <i>S. Park</i> .....	56
A50: XMM-Newton Observations of the Southwest Region of the Cygnus Loop Supernova Remnant— <i>H. Uchida</i> .....	56
A51: X-ray Spectroscopy of SNR 0509-67.5 with Suzaku— <i>H. Nakajima</i> .....	57
A52: Suzaku Observations of Tycho's Supernova Remnant— <i>T. Tamagawa</i> .....	57
A53: Discovery of Ti, Cr, and Mn lines from Tycho's Supernova Remnant by Suzaku— <i>A. Hayato</i> .....	58
A54: The Supernova Remnant G93.3+6.9: A “Foil” for Cassiopeia A?— <i>M. Stage</i> .....	58
A55: Emission Line Diagnostics for the Supernova Remnant IC 443: Confirmation of Overionized Plasma Structure— <i>M. Ozawa</i> .....	59
<b>POSTER SESSION B .....</b>	<b>60</b>
B1: A Survey of AGN Broad Iron Lines with XMM— <i>K. Nandra</i> .....	60
B2: Absorbing and Reflecting Accretion Disc Winds in Nearby AGN— <i>L. Miller</i> .....	60
B3: Tracing a Disk Wind in NGC 3516— <i>T. J. Turner</i> .....	61
B4: An X-ray Spectral Fitting Model for Compton-Thick Toroidal Reprocessors— <i>K. Murphy</i> .....	61
B5: Exploring the Innermost Regions of NLSy1 Galaxies: XMM-Newton Observations of PG 1535+547— <i>L. Ballo</i> .....	62
B6: Measuring the Distance of the Absorber in NGC7582— <i>S. Bianchi</i> .....	62
B7: The Cosmic MeV Gamma-ray Background and Hard X-ray Spectra of Active Galactic Nuclei: Implications for the Origin of Hot AGN Coronae— <i>Y. Inoue</i> .....	63
B8: Fe K Emission and Ionized Absorption in NGC 3783— <i>A. Markowitz</i> .....	63
B9: Suzaku HXD PIN Observations of Active Galactic Nuclei— <i>T. Yaqoob</i> .....	64
B10: On the Light-Bending Model of Variability of the Fe K Alpha Line in AGN— <i>P. Zycki</i> .....	64
B11: Suzaku View of the Obscured Narrow-line Seyfert 1 Galaxy Mrk 1239— <i>Y. Haba</i> .....	65
B12: Suzaku Observations of SWIFT BAT-detected Compton-thick Candidates— <i>L. Winter</i> .....	65
B13: Exploring the Innermost Environment of NLS1s with Suzaku— <i>L. Gallo</i> .....	66
B14: Suzaku Observation of Mkn 841— <i>G. Ponti</i> .....	66
B15: The Suzaku View of Heavily Obscured AGN— <i>C. Vignali</i> .....	67
B16: Study of the Bright Seyfert 1 Galaxy Mkn 509 with Suzaku— <i>G. Ponti</i> .....	67
B17: X-ray Emission from AGNs with Intermediate Mass Black Holes— <i>G. Dewangan</i> .....	68
B18: Suzaku Observation of ULIRGs: The Highly Obscured AGN Hosted in IRAS19254-7245— <i>V. Braito</i> .....	68
B19: GR Models of the X-ray Spectral Variability in MCG-6-30-15— <i>A. Niedzwiecki</i> .....	69
B20: Suzaku Observation of the Compton-thin Seyfert 2 Galaxy NGC 2110— <i>T. Okajima</i> .....	69
B21: Suzaku Observation of Arp 220— <i>R. Fujimoto</i> .....	70
B22: High Velocity Outflows in Broad and Narrow Line Absorption Quasars— <i>G. Chartas</i> .....	71
B23: Constraining the Thermal Reprocessed Features in 3C 273— <i>P. Grandi</i> .....	71
B24: An Exploratory Study of the X-ray Properties of Quasars with Intrinsic Narrow Absorption Lines— <i>M. Eracleous</i> .....	72
B25: The Broad-band Study of the Luminous Quasar 4C04.42— <i>A. De Rosa</i> .....	73
B26: Suzaku and XMM-Newton Observations of Kaz 102: A Radio Quiet QSO with Occasional Spectral Hardening— <i>T. Miyaji</i> .....	73

B27: Suzaku Observations of Luminous Swift-BAT Type II Quasars— <i>W. Baumgartner</i> .....	74
B28: The Swift-XRT GRB Deep Field Serendipitous Survey— <i>S. Puccetti</i> .....	74
B29: Estimation of AGN Spectrum by Monte Carlo Simulation— <i>S. Ikeda</i> .....	75
B30: The Abundance of Compton Thick AGN— <i>R. Gilli</i> .....	75
B31: High Frequency Quasi-Periodic Oscillations from Random— <i>K. Fukumura</i> .....	76
B32: Orbital Evolution Studies— <i>H. Raichur</i> .....	76
B33: X-ray Emissions from Black Hole Accretion Disks with Three-dimensional Magnetohydrodynamic Coronal Accretion Flows— <i>N. Kawanaka</i> .....	77
B34: Light Bending and the Hard X-ray Background— <i>P. Gandhi</i> .....	78
B35: Non-zero Stress at the Marginally Stable Orbit: Consequences for Black Hole Accretion Disk— <i>K. Beckwith</i> .....	78
B36: Distant TeV Blazars at Hard X-rays and TeV-energies— <i>A. Reimer</i> .....	79
B37: Study of Spectral Evolution of Bright Blazar Mrk421 with Suzaku— <i>M. Ushio</i> .....	80
B38: Ten Year Variability of the Neutral Iron Lines in the Sgr B2 Region— <i>T. Inui</i> .....	80
B39: SPI/INTEGRAL Measurement of the Galactic High Energy Emission— <i>L. Bouchet</i> .....	81
B40: X-ray and Infrared Study of the Galactic Ridge Emission— <i>K. Ebisawa</i> .....	81
B41: Suzaku and Chandra Views of the Hot Gas toward LMC X-3— <i>Y. Yao</i> .....	82
B42: The Iron Line Profile of the Galactic Diffuse X-ray Emission— <i>M. Nobukawa</i> .....	82
B43: Spatial Distribution of the Galactic Diffuse X-rays and the Spectra of the Brightest 6.4-keV Clumps— <i>Y. Takikawa</i> .....	83
B44: The Be/X-ray Binary A 0535+26 during its August/September 2005 Outburst— <i>I. Caballero</i> ..	83
B45: Pulse Phase Resolved Analysis of the HMXB Cen X-3 over Two Binary Orbits— <i>S. Suchy</i> ...	84
B46: Probing Clumpy Stellar Winds with a Neutron Star— <i>R. Walter</i> .....	84
B47: High Resolution and Broad Band X-ray Spectra of Low Mass X-ray Binaries— <i>T. Di Salvo</i> ..	85
B48: Modeling Cyclotron Lines in Accreting Neutron Stars— <i>J. Wilms</i> .....	85
B49: Variations in the Dip Properties of XB 1254-69 and XB 1916-053 Observed by XMM-Newton and Suzaku— <i>M. Diaz Trigo</i> .....	86
B50: A Deviation from the Flux-recurrence Time Relationship in the Burster GS 1826-238— <i>T. Thompson</i> .....	86
B51: Comparing Recent Suzaku Results on Her X-1 with those from RXTE and INTEGRAL— <i>R. Staubert</i> .....	87
B52: Spectral Study of GX 349+2 in the Flaring Branch— <i>D. Lin</i> .....	87
B53: Timing and Spectroscopic Study of AX J1745.6-2901 with Suzaku— <i>Y. Hyodo</i> .....	88
B54: Suzaku Observations of Low-Mass X-ray Binaries at High Mass-Accretion Rates— <i>H. Takahashi</i> .....	88
B55: Linking Jet Emission, X-ray States and Hard X-ray Tails in the Neutron Star X-ray Binary GX17+1— <i>S. Migliari</i> .....	89
B56: Spin up in the Accreting Millisecond Pulsar XTE J1751-305— <i>M. T. Menna</i> .....	89
B57: Cen X-3 Long Term Intensity Variation Studies— <i>H. Raichur</i> .....	90
B58: Aperiodic X-Ray Time Variation of X-ray Binary Pulsars— <i>T. Kohmura</i> .....	90
B59: Suzaku Observation of an Ultraluminous X-ray Source, NGC 2403 Source 3— <i>N. Isobe</i> .....	91
B60: Simultaneous Suzaku/RXTE Observations of Cyg X-1— <i>M. Nowak</i> .....	91
B61: A Year of Strong Activity in Cygnus X-1— <i>V. Grinberg</i> .....	92
B62: Spectra of Black Hole Candidates in Hard X-rays with SPI/INTEGRAL— <i>E. Jourdain</i> .....	92