

List of Presentations at International Conferences

Tomonori Totani

As of 2008, June 21

(numbering in parentheses are for invited talks)

1. Spectrum of the Supernova Relic Neutrino Background and Evolution of Galaxies
Tomonori Totani, Katsuhiko Sato, and Yuzuru Yoshii
a postar presentation in the 1st RESCEU symposium of 'Cosmological Constant and the Evolution of the Universe', eds. K. Sato et al., (Univ. Acad. Press) p305-306, Tokyo, Japan, November 1995

2. Future Detection of Supernova Relic Neutrino Background and Implications on Neutrino Physics
Tomonori Totani, Katsuhiko Sato, and Yuzuru Yoshii
a talk in proceedings of the 17th International Conference on Neutrino Physics and Astrophysics, eds. Enqvist et al., (World Scientific) p491-495, Helsinki, Finland, June 1996

3. Luminosity Density Evolution in the Universe and Cosmological Parameters
Tomonori Totani, Yuzuru Yoshii, and Katsuhiko Sato
a talk in the IAU symposium No. 183 (Cosmological Parameters and Evolution of the Universe), p145, Kyoto, Japan, August 1997

- 4.(1) Gamma-Ray Bursts from Neutron Star Mergers and Evolution of Galaxies
Tomonori Totani
an invited talk in the proceedings of 'Neutron Stars and Pulsars', Tokyo, Japan, November 1997

5. Cosmological Gamma-Ray Bursts and Evolution of Galaxies
Tomonori Totani:
a talk in General Relativity and Gravitation, Pune, India, December 1997

- 6.(2) Electron Neutrino Mass Measurement by Supernova Neutrino Bursts and Implications on Hot Dark Matter:

Tomonori Totani:

an invited talk in the proceedings of 'New Era in Neutrino Physics', Tokyo, Japan,
June 1998

7. TeV gamma-ray emission from gamma-ray bursts and ultra high energy cosmic rays

Tomonori Totani:

a talk in 'Gamma-Ray Burst in the Afterglow Era' (published in A&A Suppl. 142,
443), Rome, Italy, November 1998

8.(3) Ultra high energy emission from gamma ray bursts

Tomonori Totani

an invited talk given at 'International Conference on Astrophysics at High T and
Low tau', Sedona, Arizona, USA, August 1999

9. A Unified Picture for the Various Total Energies of GRBs

Tomonori Totani

a talk in 'the 5th Huntsville Gamma-Ray Burst Symposium', Huntsville, AL, USA,
October 1999

10.(4) Evolution of Dust Extinction and Supernova Cosmology

Tomonori Totani

an invited talk at The 4th RESCEU International Symposium 'The Birth and
Evolution of the Universe', Tokyo, Japan, November 1999

11.(5) Dust versus Supernova Cosmology

Tomonori Totani

an invited talk given at 'Dark Matter 2000', Los Angeles, CA, USA, February 2000

12.(6) Very High Energy Phenomena in GRBs

Tomonori Totani

an invited talk in the proceedings of the 1st KIAS astrophysical workshop:
'Explosive Phenomena in Astrophysical Compact Objects', Seoul, Korea Republic,
May 2000

13. Forming Clusters of Galaxies as the Origin of Unidentified GeV Gamma-ray
Sources

Tomonori Totani and Tetsu Kitayama

a poster presentation in International Symposium on High Energy Gamma-Ray Astronomy, June 26-30, 2000, Heidelberg, Germany

14. K-band Extragalactic Background Light from Deep Galaxy Counts in the Subaru Deep Field

Tomonori Totani, Yuzuru Yoshii, Fumihide Iwamuro, Toshinori Maihara, and Kentaro Motohara

a contribution talk in the IAU symposium 204: The Extragalactic Infrared Background and Its Cosmological Implications, Manchester, UK, August 2000

15.(7) High Energy Gamma-Rays from Structure Formation in the Universe

Tomonori Totani

an invited talk at 'Prospects of High Energy Astrophysics', Kyoto, Japan, November 23-25, 2000

16.(8) Particle Acceleration in GRB

Tomonori Totani

an invited talk at 'International Workshop on Extremely High Energy Cosmic Rays: Experiments, Theories and Future direction', Kashiwa, Japan, March 2001

17. A Serendipitous Search for GRB Afterglows by Subaru/Suprime- Cam A Test of GRB Beaming

Tomonori Totani et al.

a talk at 'GAMMA-RAY BURST AND AFTERGLOW ASTRONOMY 2001', Woods Hole, USA, November 2001

18. Near-Infrared Faint Galaxies in the Subaru Deep Field: Implications for EBL and EROs

Tomonori Totani, Yuzuru Yoshii, Fumihide Iwamuro, Toshinori Maihara, and Kentaro Motohara

a poster presentation in 'Galaxy Evolution: Theory and Observations', Cozumel, Mexico, April 2002

19. A Deep Optical Observation for an Enigmatic Unidentified Gamma-Ray Source 3EG J1835+5918:

Tomonori Totani

A talk given at IAU Asia-Pacific regional meeting, Tokyo, Japan, July 2002

20.(9) Deep Near-Infrared Universe seen in the Subaru Deep Field

Tomonori Totani

an invited talk given at IAU Asia-Pacific regional meeting, Tokyo, Japan, July 2002

21. Gamma Rays from Clusters

Tomonori Totani

a poster presentation at STRUCTURE EVOLUTION and COSMOLOGY: New Synergy between Ground-based Observations, Space Observations and Theory, Santiago, Chile, October 28-31, 2002

22. Cluster-cluster microlensing: a new probe of cosmological dark compact objects in a unexplored mass range:

Tomonori Totani

a talk given at GRAVITATIONAL LENSING : A UNIQUE TOOL FOR COSMOLOGY, Aussois, Savoie, France, January, 5-11, 2003

23.(10) Cluster-Cluster Microlensing: A New Search for The Dark Matter

Tomonori Totani

an invited talk given at The Trend of Researches on Galaxies and the Universe in the New Millennium, July 19th, 2003 - July 21st, 2003, Blue Mountain, Australlia

24. PROBING $100 - 10^5 M_{\text{SUN}}$ MACHOS BY CLUSTER-CLUSTER LENSING,

Tomonori Totani

a poster presentation at IAU S220 "Dark matter in galaxies", Sydney, Australlia, July 22-26, 2003

25. PROBING $100 - 10^5 M_{\text{SUN}}$ MACHOS BY CLUSTER-CLUSTER LENSING

Tomonori Totani

a talk given at Hawaiian Gravitational Microlensing Workshop, Jan. 17-19, 2004, Waikiki, Hawaii

26. Solving the Cooling Flow Problem of Galaxy Clusters by Dark Matter Neutralino

Annihilation

Tomonori Totani

a talk given at 6th UCLA Symposium on Sources and Detection of DarkMatter and Dark Energy in the Universe, Feb. 18-20, 2004, LA, CA, USA

27. Discovery of Significant Rapid Variability of Very Low-Luminosity Optical Nuclei in Massive Active Galaxies

Tomonori Totani

a talk given at AGN Variability from X-ray to Radio Bands, June 14-16, 2004, in Crimean Astrophysical Observatory, Ukraine

28. First Stars, Ultra-Luminous X-ray Sources, and Missing Light in the Universe

Tomonori Totani

a talk given at Post-Nishinomiya-Yukawa Symposium: Origins: From First Objects to Extrasolar Planets, Nov 4-6, 2004, Kyoto, Japan

29. Solving the Cooling Flow Problem of Galaxy Clusters by Dark Matter Neutralino Annihilation

Tomonori Totani

a talk given at Fundamental Physics from Galaxy Clusters, Dec 9-11, 2004, Fermilab, USA

30. Solving the Cooling Flow Problem of Galaxy Clusters by Dark Matter Neutralino Annihilation

Tomonori Totani

a postar presentation at Texas Symposium on Relativistic Astrophysics, Dec 13-17, 2004, Stanford University, Palo Alto, USA

31.(11) Some astrophysical implications from Neutralino annihilations

Tomonori Totani

an invited talk given at KIAS-APCTP-DMRC Workshop on the Dark Side of the Universe, May 24-26, 2005, KIAS, Seoul, Korea

32.(12) Some astrophysical implications from Neutralino annihilations

Tomonori Totani

an invited talk given at Stockholm workshop in Cosmology and Astroparticle Physics,

June 17, 2005, the University of Stockholm, Stockholm, Sweden

33. Tomonori Totani

an invited participant at the 1st Alfred Nobel Symposium: Energy in Cosmos,
Molecules and Life, June 18-22, 2005, Sanga Saby, Sweden

34. Some astrophysical implications from Neutralino annihilations

Tomonori Totani

a seminar given at ETH Zurich, June 24, 2005, Zurich, Switzerland

35. Ultraluminous X-Ray Sources: Evidence for Very Efficient Formation of Population
III Stars Contributing to the Cosmic Near-Infrared Background Excess?

Tomonori Totani and Haruka Mii

a postar presentation at IAU Symposium No. 230: Populations of High Energy
Sources in Galaxies, Aug 15-19, 2005, Dublin, Ireland

36.(13) FMOS Baryon Acoustic Oscillation Survey

Tomonori Totani

an invited talk at “Probing the Dark Universe with Subaru and Gemini”, November,
2005, Kona, Hawaii

37.(14) Recent Topics on Dark Matter Neutralinos

Tomonori Totani

an invited talk at 10th Gravitational Microlensing Workshop, January 16-19, 2006,
Nagoya, Japan

38. The First Constraints on Reionization from GRBs

Tomonori Totani

a talk given at a STScI workshop, The End of the Dark Ages -From First Light to
Reionization, March 13-15, 2006, Baltimore, USA

39. Near-infrared Search for Baryon Acoustic Oscillation by Subaru/FMOS

Tomonori Totani

a talk given at the Supernova Cosmology Project collaboration meeting, June 5-7,
2006, Berkeley, California, USA

40. Implications for the Cosmic Reionization from the Optical Afterglow Spectrum of the Gamma-Ray Burst 050904 at $z = 6.3$
Tomonori Totani
a talk given at Joint Discussion 7: The Universe at $z > 6$, 26th IAU General Assembly, Prague, August 17-18, 2006, Prague, Czech Republic
- 41.(15) FMOS FastSound
Tomonori Totani
an invited talk given at a workshop "Cosmology with wide-field photometric and spectroscopic galaxy surveys", Nov. 9-10, 2006, the University of Tokyo, Tokyo, Japan
42. The Galactic Center: A Consistent Explanation of 511 keV Line, Hot Plasma, and Past High Activity by RIAF
Tomonori Totani
a talk given in the Extreme Universe in the Suzaku Era, Dec. 3-8, 2006, Kyoto, Japan
- 43.(16) Recent Topics on Gamma-Ray Bursts
Tomonori Totani
an invited talk given in the 21st International Workshop on Weak Interactions and Neutrinos (WIN07), Jan. 15-20, 2007, Kolkata, India
- 44.(17) Recent Topics on Gamma-Ray Bursts
Tomonori Totani
an invited talk given in the 6th International Workshop on Very High Energy Particle Astronomy: Connection between Wide Field Survey and Cosmic Ray Observation, Mar. 15-16, 2007, Hilo, Hawaii
- 45.(18) FMOS FastSound
Tomonori Totani
An invited talk at JSPS core-to-core program workshop: "Cosmology with wide-field imaging surveys of galaxies", June 7-8, 2007, Tokyo, Japan
46. The Past High Activity of the Galactic Center and the 511 keV Annihilation Line Emission

Tomonori Totani

A talk given at TeV Particle Astrophysics 2007, August 27-31 2007, Venice, Italy

47.(19) FastSound: A NIR BAO Survey by Subaru/FMOS

Tomonori Totani

An invited talk given at “Spectroscopy in Cosmology and Galaxy Evolution 2005-2015”, Oct. 3-5, 2007, Granada, Spain

48. FastSound: a near-infrared BAO survey by Subaru/FMOS

Tomonori Totani

A talk given at ROE 2007 workshop “Decrypting the Universe: Large Surveys in Cosmology”, Oct. 24-26, 2007, Edinburgh, UK

49.(20) Direct Measurement of the DTD of Type Ia Supernovae by the Subaru/XMM-Newton Deep Survey, and Implications for the Progenitors

Tomonori Totani

An invited talk given at “Supernova Rate 2008”, May 19-22, 2008, Florence, Italy