

HIDEKI TANIMURA'S PUBLICATION

(As of 11th August 2021)

REFEREED PAPERS

1. **Hideki Tanimura**, M. Douspis, N. Aghanim, L. Salvati, 2021,
"Constraining cosmology with a new all-sky Compton parameter map from the Planck PR4 data"
(Accepted for publication by Monthly Notices of the Royal Astronomical Society on 10 Oct, 2021)
2. **Hideki Tanimura**, S. Zaroubi, N. Aghanim, 2021, (cited by **8** papers),
"Direct detection of the kinetic Sunyaev-Zel'dovich effect in galaxy clusters"
(ref: Astronomy & Astrophysics, Volume 645, id.A112, 10 pp.)
3. **Hideki Tanimura**, N. Aghanim, A. Kolodzig, N. Malavasi, M. Douspis, 2020, (cited by **12** papers),
"First statistical detection of X-ray emission from cosmic-web filaments"
(ref: Astronomy & Astrophysics, Volume 643, id.L2, 7 pp.)
4. **Hideki Tanimura**, N. Aghanim, V. Bonjean, N. Malavasi, M. Douspis, 2020 (cited by **22** papers),
"Density and temperature of cosmic-web filaments on scales of tens of megaparsecs"
(ref: Astronomy & Astrophysics, Volume 637, id.A41, 12 pp.)
5. **Hideki Tanimura**, Gary Hinshaw, Ian G. McCarthy, Ludovic Van Waerbeke, Alireza Hojjati, Yin-Zhe Ma, Bruno Moraes, 2020 (cited by **15** papers),
"Probing hot gas SDSS Luminous Red Galaxies through the Sunyaev-Zel'dovich effect"
(ref: Monthly Notices of the Royal Astronomical Society, Volume 491, Issue 2, p.23182329)
6. **Hideki Tanimura**, N. Aghanim, M. Douspis, A. Beelen, V. Bonjean, 2019 (cited by **21** papers),
"Detection of intercluster gas in superclusters using the thermal Sunyaev-Zel'dovich effect"
(ref: Astronomy & Astrophysics, Volume 625, id.A67, 10 pp.)
7. **Hideki Tanimura**, Gary Hinshaw, Ian G. McCarthy, Ludovic Van Waerbeke, Yin-Zhe Ma, Alexander Mead, Alireza Hojjati and Tilman Tröster, 2019 (cited by **84** papers),
"A Search for Warm/Hot Gas Filaments Between Pairs of SDSS Luminous Red Galaxies"
(ref: Monthly Notices of the Royal Astronomical Society, Volume 483, Issue 1, p.223-234)

OTHER REFEREED PAPERS

1. Co-author in D Galarraga-Espinosa, N Aghanim, M Langer, **H Tanimura**, 2021,
"Properties of gas phases around cosmic filaments at $z = 0$ in the IllustrisTNG simulation"
(ref: Astronomy & Astrophysics, Volume 649, id.A117, 15 pp.)
2. Co-author in N Malavasi, N Aghanim, M Douspis, **H Tanimura**, V Bonjean, 2020,
"Characterising filaments in the SDSS volume from the galaxy distribution"
(ref: Astronomy & Astrophysics, Volume 642, id.A19, 24 pp.)
3. Co-author in V Bonjean, N Aghanim, M Douspis, N Malavasi, **H Tanimura**, 2020,
"Filament profiles from WISExSCOS galaxies as probes of the impact of environmental effects"
(ref: Astronomy & Astrophysics, Volume 638, id.A75, 13 pp.)
4. Co-author in N Malavasi, N Aghanim, **H Tanimura**, V Bonjean, M Douspis,
"Like a spider in its web: a study of the Large Scale Structure around the Coma cluster"
(ref: Astronomy & Astrophysics, Volume 634, id.A30, 19 pp.)
5. Co-author in Y Gong, YZ Ma, **H Tanimura**, 2019,
"Probing galaxy cluster and intra-cluster gas with luminous red galaxies"
(ref: Monthly Notices of the Royal Astronomical Society, Volume 486, Issue 4, p.4904-4916)

6. Co-author in Arthur Jakobs, Massimo Viola, Ian McCarthy, Ludovic van Waerbeke, Henk Hoekstra, Aaron Robotham, Gary Hinshaw, Alireza Hojjati, **Hideki Tanimura**, Tilman Trster, Ivan Baldry, Catherine Heymans, Hendrik Hildebrandt, Konrad Kuijken, Peder Norberg, Joop Schaye, Cristbal Sifn, Edo van Uitert, Edwin Valentijn, Gijs Verdoes Kleijn, Lingyu Wang, 2018, "Multiwavelength scaling relations in galaxy groups: a detailed comparison of GAMA and KiDS observations to BAHAMAS simulations" (ref: Monthly Notices of the Royal Astronomical Society, Volume 480, Issue 3, p.3338-3355)
7. Co-author in Alireza Hojjati, Tilman Trster, Joachim Harnois-Draps, Ian G McCarthy, Ludovic van Waerbeke, Ami Choi, Thomas Erben, Catherine Heymans, Hendrik Hildebrandt, Gary Hinshaw, Yin-Zhe Ma, Lance Miller, Massimo Viola, **Hideki Tanimura**, 2017, "Cross-correlating Planck tSZ with RCSLenS weak lensing: Implications for cosmology and AGN feedback" (ref: Monthly Notices of the Royal Astronomical Society, Volume 471, Issue 2, p.1565-1580)

Co-author in the following CANGAROO III project papers. My contribute is the construction of the data collection system (DAQ) of the CANGAROO III telescopes

- The following author list is from the first paper below, and other papers are similar, while the first author changes.

(Sei. Hayashi, F. Kajino, T. Naito, A. Asahara, G. V. Bicknell, R. W. Clay, Y. Doi, P. G. Edwards, R. Enomoto, S. Gunji, S. Hara, T. Hara, T. Hattori, C. Itoh, S. Kabuki, H. Katagiri, A. Kawachi, T. Kifune, L. T. Ksenofontov, H. Kubo, T. Kurihara, R. Kurosaka, J. Kushida, Y. Matsubara, Y. Miyashita, Y. Mizumoto, M. Mori, H. Mori, H. Muraishi, Y. Muraki, T. Nakase, D. Nishida, K. Nishijima, M. Ohishi, K. Okumura, J. R. Patterson, R. J. Protheroe, N. Sakamoto, K. Sakurazawa, D. L. Swaby, T. Tanimori, **H. Tanimura**, G. Thornton, F. Tokanai, K. Tsuchiya, T. Uchida, S. Watanabe, T. Yamaoka, S. Yanagita, T. Yoshida, T. Yoshikoshi)

(Refereed CANGAROO papers)

1. Hayashi, S, et al, "Search for VHE gamma rays from SS433/W50 with the CANGAROO-II telescope", 2009, APh, 32, 112
<http://adsabs.harvard.edu/abs/2009APh....32..112H>
2. Ohishi, M, et al, "Very high energy gamma-ray observations of the Galactic Plane with the CANGAROO-III telescopes", 2008, APh, 30, 47
<http://adsabs.harvard.edu/abs/2008APh....30...47O>
3. Enomoto, R, et al, "CANGAROO III Observations of the Supernova Remnant RX J0852.0-4622", 2006, ApJ, 638, 397
<http://adsabs.harvard.edu/abs/2006ApJ...638..397E>
4. Enomoto, R, et al, "A Search for Sub-TeV Gamma Rays from the Vela Pulsar Region with CANGAROO-III", 2006, ApJ, 652, 1268
<http://adsabs.harvard.edu/abs/2006ApJ...652.1268E>
5. Katagiri, H, et al, "Detection of Gamma Rays around 1 TeV from RX J0852.0-4622 by CANGAROO-II", 2005, ApJ, 619, 163
<http://adsabs.harvard.edu/abs/2005ApJ...619L.163K>
6. Tsuchiya, K, et al, "Detection of Sub-TeV Gamma Rays from the Galactic Center Direction by CANGAROO-II", 2004, ApJ, 606, 115
<http://adsabs.harvard.edu/abs/2004ApJ...606L.115T>
7. Kubo, H, et al, 2004, "Status of the CANGAROO-III project", NewAR, 48, 323
<http://adsabs.harvard.edu/abs/2004NewAR..48..323K>

(Non-refereed CANGAROO papers)

1. Sakamoto, Y, et al, "Search for Very High Energy Gamma-Rays from Active Galactic Nuclei with the CANGAROO-III Telescope", 2005, ICRC, 4, 387
<http://adsabs.harvard.edu/abs/2005ICRC....4..387S>
2. Kabuki, S, et al, "Search for TeV gamma-ray from the Active Radio Galaxy Centaurus A with CANGAROO-III", 2005, ICRC, 4, 379
<http://adsabs.harvard.edu/abs/2005ICRC....4..379K>
3. Ohishi, M, et al, "Very high energy gamma-ray observations of the Galactic plane with the CANGAROO-III telescopes", 2005, ICRC, 4, 39
<http://adsabs.harvard.edu/abs/2005ICRC....4...39O>
4. Watanabe, S, et al, "TeV Gamma-Ray Observations of the Supernova Remnant RCW86 with the CANGAROO-II Telescope", 2003, ICRC, 4, 2397
<http://adsabs.harvard.edu/abs/2003ICRC....4.2397W>
5. Kabuki, S, et al, "Performance of the Atmospheric Cherenkov Imaging Camera for the CANGAROO-III Experiment", 2003, ICRC, 5, 2859
<http://adsabs.harvard.edu/abs/2003ICRC....5.2859K>
6. Hayashi, S, et al, "Observation of Sub-TeV Gamma Rays from SS433/W50 with the CANGAROO-II Telescope", 2003, ICRC, 4, 2533
<http://adsabs.harvard.edu/abs/2003ICRC....4.2533H>
7. Nishida, D, et al, "TeV Gamma Ray Observations of PSR J1420-6048 with the CANGAROO-II Telescope", 2003, ICRC, 4, 2489
<http://adsabs.harvard.edu/abs/2003ICRC....4.2489N>
8. Katagiri, H, et al, "Observation of Sub-TeV Gamma-Rays from RX J0852.04622 with the CANGAROO-II Telescope", 2003, ICRC, 4, 2409
<http://adsabs.harvard.edu/abs/2003ICRC....4.2409K>
9. Enomoto, R, et al, "Status of CANGAROO-III", 2003, ICRC, 5, 2807
<http://adsabs.harvard.edu/abs/2003ICRC....5.2807A>