

Sversut Arsioli, Bruno

Current position:

Researcher at Instituto di Física Gleb Wathagin - IFGW
Universidade Estadual de Campinas - UNICAMP



Previous position:

- Postdoc – ICRANet, 2017. Building Cooperation with IFGW-Unicamp and the Science Data Center ASI
- Postdoc – ASDC ASI & La Sapienza University of Rome
Ciência sem Fronteiras fellowship (Cnpq - Brazil) Cycle, 2015
IRAP PhD – Erasmus Mundus
Second Cycle, 2011-2014

Publications:

-) Arsioli B., Giommi P., Chang Y.L.; The Brazilian ICRANet High-Energy Blazar Catalog: 1BIHEB. 2017, *In prep.*
-) Arsioli B., Giommi P., Gianluca P.; New Gamma-Ray Detections of Radio-Selected Blazars with Fermi-LAT: Testing SSC and EC Scenarios for Hints on the Gamma-Ray Emission Region. *To be submitted to A&A, Jan. 2017.*
-) Chang Y.L., Giommi P., Arsioli B., Padovani P.; Statistical Population Properties and Evolution of 2WHSP blazars. *To be submitted to A&A, Mar. 2017.*
-) Arsioli, B. & Chang, Y.L.; Searching for gamma-ray signature in WHSP blazars: Fermi-LAT detection of 150 excess signal in the 0.3-500GeV band, A&A 2017 in press; <https://arxiv.org/abs/1609.08501> .
-) P. Padovani , E. Resconi, P. Giommi, B. Arsioli, Y. L. Chang, Extreme blazars as counterparts of IceCube astrophysical neutrinos; <https://arxiv.org/abs/1601.06550>.
-) Arsioli, B., Chang Y. L., Detecting New ray Sources Based on Multi-frequency Data, The Case of 1WHSPJ031423.9+061956, Proc. of the 2nd César Latter meeting , “Supernovae, Neutron Stars, Black Holes”, 2015, Niterói- Rio De Janeiro, April 13-18 João Pessoa, April 21, Recife - Fortaleza, April 22.
Available online: https://www.researchgate.net/publication/300123693_Detecting_new_gamma-ray_sources_based_on_multi-frequency_data_the_case_of_1WHSPJ0314239061956.

-) Arsioli, B., Fraga, B., Giommi P., et al.; VizieR Online Data Catalog: 1WHSP: VHE gamma-ray blazar candidates; 2015 yCat.35790034; <http://adsabs.harvard.edu/abs/2015yCat..35790034A>

-) Chang, Y.L., Arsioli, B., Giommi, P., Padovani, P.; "2WHSP: A Catalog of HE and VHE Blazar Candidates. A&A. 2017 in press; <https://arxiv.org/abs/1609.05808>.

-) Arsioli, B., Chang, Y.L.; Detecting New gamma-ray Sources Based on Multi-frequency Data. The Case of 1WHSPJ031423.9+061956, 2015 (AIP Conference Proceedings); MG14, 2015, Rome – IT; https://www.researchgate.net/publication/311650305_Search_for_WHSP_g-ray_counterparts_within_Fermi-LAT_data_Solving_a_case_of_source_confusion

-) Arsioli, B., Fraga, B., Giommi, P., Padovani, P., Marrese, M.; 1WHSP: an H₀-based sample of ~1,000 VHE gamma-ray blazar candidates; A&A, (Vol 579, July, 2015); IF: 5.185. <http://adsabs.harvard.edu/abs/2015A%26A...579A..34A>

Meetings, conferences, seminars, schools:

- SIGRAV Graduate School in Contemporary Relativity and Gravitational Physics, Villa Olmo, Como (Italy), 21-26 May, 2012.

- 10th Agile Workshops ASDC, Rome Italy. 18, April, 2012.-Erasmus Mundus School, Nice, France, 5-8 June, 2012.

- Erasmus Mundus School, Nice, France, 3rd – 19th September, 2012.Presentation; Active Galactic Nuclei: Blazars

- Marcel Grossmann meeting, Stockholm, Sweden, 1st - 7th July, 2012.

- Magic AGN WG Meeting, Frascati, 11 to 14 February 2013 ASI Science Data Center, ESRIN

- Erasmus Mundus School, Nice, France, 15th - 31st May, 2013.Presentation; Active Galactic Nuclei; Selection scheme for building large samples of HSP blazars (Candidates for TeV detection).

- The 2013 yearly ICRANet Scientific Meeting on Relativistic Astrophysics; June 3-21st, Pescara, Italy & Rome, Italy).On the Occasion of the 50th Anniversary of the Kerr solution of the Einstein's equations, in presence of Roy Kerr.

- Erasmus Mundus School, Nice, France, 2nd 21st September, 2013.Prepared Presentation; Active Galactic Nuclei; Building a large sample of HSP blazars, Statistical Properties, Fermi γ-ray counterparts, and Candidates for TeV detection.

- Yerevan, Armenia - 1stScientific ICRANet Meeting in Armenia: Black Holes: the largest energy sources in the Universe - 30 June - 4 July 2014

- Zeldovich-100 Meeting, March 10-14, 2014, Minsk, Belarus - Subatomic particles, Nucleons, Atoms, Universe: Processes and Structure- International conference in honor of Ya. B. Zeldovich 100th Anniversary

- IRAP Ph.D. Erasmus Mundus School - February 2014 Nice Winter School- February, 23 -March, 2.

- Bologna High Energy Meeting (Boehme) 2014 – April 7th to 9th

- IRAP Ph.D. Erasmus Mundus WorkshopSupernovae, Gamma-ray bursts and the induced gravitational collapse May 11-16, 2014 - Les Houches (France)

- 2nd César Latter meeting , “Supernovae, Neutron Stars, Black Holes” , 2015, Niterói- Rio De Janeiro , April 13-18

- Cross-Match Day. Science Data Center – AgenziaSpazialeItaliana; ASDC ASI, 2015. Presentation: WHSP catalogs. Drops in the Ocean.

- MG14, July 12-18, 2015, Rome – IT: Presentation: Multifrequency Data for Unveiling gamma-ray sources.

- ICRANet Brazilian Science Data Center Symposium. Federal University of Rio Grande do Sul – UFRGS. September 03, 2015. Porto Alegre, Brazil. Presentation: Science Catalogs, an Example from ASDC.

- Adriatic Workshop: Supernovae, Hypernovae and Binary Driven Hypernovae, held at ICRANet, Pescara (Italy), June 28, 2016. Presentation: The isotropic gamma-ray background: Contribution from HSP blazars to the diffuse component.