



Bruno Sversut Arsioli

Bolsista de Pós-doutorado no Exterior do CNPq

has graduation at Engenharia Química by Universidade Estadual de Campinas (2006) , master's at Física by Universidade Estadual de Campinas (2011) , master's at Nuclear Fusion and Engineering Physics by Max-Planck-Institut für Plasmaphysik (2010) and Ph.D. at International Relativistic Astrophysics PhD (IRAP) by Università degli Studi di Roma La Sapienza (2014) . Has experience in the area of Physics , with emphasis on General Relativity and Astrophysics. Focused, mainly, in the subjects: Active Galactic Nuclei, Multifrequency Data, Multi-messenger Data, Blazars.

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Personal Information

Name Bruno Sversut Arsioli

Bibliographic Citation ARSIOLI, Bruno Sversut;Arsioli, B.

Formal Education/Degree

- 2012 - 2014** Ph.D. in International Relativistic Astrophysics PhD (IRAP) .
Università degli Studi di Roma La Sapienza, UNIROMA, Itália. *Year of degree:* 2014.
Advisor: Prof. Paolo Giommi.
Grantee of: União Europeia ,ERASMUSMUNDUS ,Bélgica .
Keywords: Active Galactic Nuclei; Multifrequency Data; Multi-messenger Data; Blazars.
- 2007 - 2011** Master's in Física .
Universidade Estadual de Campinas, UNICAMP, Brasil. *Year of degree:* 2011.
Advisor:  Munemasa Machida.
Grantee of: Conselho Nacional de Desenvolvimento Científico e Tecnológico ,CNPq ,Brasil .
Keywords: Fusão; Espectroscopia UVV; Espectroscopia visível; Diagnóstico; Energia; Plasmas quentes.
Major Area: Exact and Earth Sciences.
Activities Sectors: Other sectors.
- 2008 - 2010** Master's in Nuclear Fusion and Engineering Physics .
Max-Planck-Institut für Plasmaphysik, IPP, Alemanha. *Year of degree:* 2010.
Advisor: Rytter François.
Grantee of: União Europeia ,ERASMUSMUNDUS ,Bélgica .
Keywords: Fusão; Plasmas quentes; Tokamak; (NBI) Neutral Beam Injection.
Major Area: Exact and Earth Sciences.
Major Area: Exact and Earth Sciences / *Área:* Physics / *Subarea:* Física Nuclear / *Specialty:* Fusão Nuclear.
Activities Sectors: Other professional, scientific and technical activities; Scientific research and development.
- 2002 - 2006** Graduation in Engenharia Química .
Universidade Estadual de Campinas, UNICAMP, Brasil.

Postdoctorate

- 2015** Postdoctorate.
Agenzia Spaziale Italiana, ASI, Itália.
Grantee of: Conselho Nacional de Desenvolvimento Científico e Tecnológico ,CNPq ,Brasil .
Major Area: Exact and Earth Sciences.
Major Area: Exact and Earth Sciences / *Área:* Astronomy / *Subarea:* Detection of gamma-ray sources with Fermi-LAT.

Areas of Expertise

- Major Area:* Exact and Earth Sciences / *Area:* Physics / *Subarea:* General Relativity and Astrophysics.

Languages

English Comprehends Well, Speaks Well, Reads Well, Writes Well.

Portuguese	Comprehends Well, Speaks Well, Reads Well, Writes Well.
Spanish	Comprehends Well, Speaks Little, Reads Well, Writes Little.
French	Comprehends Reasonably, Speaks Little, Reads Reasonably, Writes Little.
Italian	Comprehends Well, Speaks Well, Reads Well, Writes Well.



Awards and Titles

2007 Melhor apresentação, VIII Encontro de Jovens Pesquisadores - IFGW - Unicamp.

Scientific, Technological, Artistic and Cultural Production

Bibliographical Production

Articles in Scientific Journals

1.  Arsioli, B. ; Giommi, P. ; Fraga, B. ; Padovani, P. ; PAOLA, M. . . Astronomy & Astrophysics (Berlin. Print) **JCR**, v. 579, p. A34, 2015.
2.  MACHIDA, M. ; ARSIOLI, Bruno Sversut ; NASCIMENTO, F. ; DALTRINI, A. ; SEVERO, J. . The Role of Higher Diffraction Order to Determine Ion Temperature in Vacuum Ultraviolet Region Using Multichannel Detector. Journal of Plasma and Fusion Research SERIES **JCR**, v. 8, p. 636-639, 2009.

Complete works published in proceedings of conferences

1. ARSIOLI, Bruno Sversut ; OLIVEIRA, Wagner dos Santos . , 2005, Campinas. Cobeq 2005, 2005.
2. ARSIOLI, Bruno Sversut ; OLIVEIRA, Wagner dos Santos ; CADAVID, Pablo . , 2005, Santos. Inac 2005, 2005.

Summary published in proceedings of conferences

1. ARSIOLI, Bruno Sversut ; MACHIDA, M. . , 2011, Foz do Iguaçu. PLASMA PHYSICS AND FUSION TECHNOLOGY (S70), 2011.

Articles accepted for publication

1.  Arsioli, B. ; CHANG, Y. L. . . AIP Conference Proceedings (Online) **JCR**, 2015.

Presentations of Work



1. ARSIOLI, Bruno Sversut ; Giommi, P. . Active Galactic Nuclei: Very High Energy Gamma-Ray Blazars. 2014. (Presentation/Congress).
2. ARSIOLI, Bruno Sversut ; Giommi, P. . . 2013. (Presentation/Conference or Colloquium).
3. Arsioli, B. ; Giommi, P. . . 2012. (Presentation/Symposium).
4. ARSIOLI, Bruno Sversut ; FRANCOIS, R. ; ULRICH, S. . Calculation of Neutral Beam Injection Power Deposition for He Plasmas in ASDEX Upgrade. 2010. (Presentation/Other).

Other Kinds of Bibliographical Production a

1. Arsioli, B. . 2014 (PhD Thesis).

Technical Production

Other Kinds of Technical Production

1.  ARSIOLI, Bruno Sversut ; MACHIDA, M. . Study of Tokamak Plasmas: Ion Temperature Measurements via VUV Spectroscopy, and Power Deposition by Neutral Beam Injection. 2011. (Research Report).
2.  ARSIOLI, Bruno Sversut ; FRANCOIS, R. ; ULRICH, S. . Calculation of Neutral Beam Injection Power Deposition for He Plasmas in ASDEX Upgrade. 2010. (Research Report).
3. ARSIOLI, Bruno Sversut ; MACHIDA, M. . . 2006. (Research Report).

4. ARSIOLI, Bruno Sversut ; OLIVEIRA, Wagner dos Santos . . 2005. (Research Report).

Events

Participation in events

1. . 2015. (Participation In Events/ Congresses).
2. . 2015. (Participation In Events/ Meetings).
3. . 2014. (Participation In Events/ Congresses).
4. .Active Galactic Nuclei: Very High Energy Gamma-Ray Blazars. 2014. (Participation In Events/ Congresses).
5. . 2014. (Participation In Events/ Seminary).
6. . 2014. (Participation In Events/ Workshops).
7. . 2014. (Participation In Events/ Meetings).
8. .Selecting Blazars and acessing its contribution to the Cosmic Background Radiation, from Radio to Very High Energy. 2013. (Participation In Events/ Seminary).
9. .Building Large Samples of High Sinchrotron Peak balzars: Based on Infra Red data from WISE survey and Multifrequency Selection Schemes. 2013. (Participation In Events/ Meetings).
10. .On the Occasion of the 50th Anniversary of the Kerr solution of the Einstein?s equations, in presence of Roy Kerr and of the ICRANet Scientific Committee.. 2013. (Participation In Events/ Meetings).
11. . 2012. (Participation In Events/ Congresses).
12. . 2012. (Participation In Events/ Workshops).
13. .Active Galacti Nuclei: Blazars. 2012. (Participation In Events/ Workshops).
14. . 2011. (Participation In Events/ Symposium).
15. . 2011. (Participation In Events/ Workshops).
16. .UVV Spectroscopy in Tokamak Plasmas: Ion Temperature Measurement via Doppler Broadening of High Order Diffraction Lines. 2011. (Participation In Events/ Meetings).
17. .Calculation of Neutral Beram Injection Power Deposition for He Plasmas in ASDEX Upgrade. 2010. (Participation In Events/ Meetings).
18. . 2010. (Participation In Events/ Meetings).
19. . 2009. (Participation In Events/ Meetings).
20. . 2007. (Participation In Events/ Meetings).
21. . 2007. (Participation In Events/ Meetings).
22. . 2006. (Participation In Events/ Congresses).
23. . 2005. (Participation In Events/ Congresses).
24. . 2005. (Participation In Events/ Congresses).
25. . 2005. (Participation In Events/ Congresses).
26. . 2004. (Participation In Events/ Congresses).
27. . 2003. (Participation In Events/ Congresses).
28. . 2003. (Participation In Events/ Congresses).