

CURRICULUM VITÆ - Paula Benaglia – October 2015

1. PERSONAL DATA

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2. EDUCATION

2.1 DEGREES

- *Licenciada* in Astronomy (1989) [equivalent to Bachelor plus Master] - Facultad de Ciencias Astronómicas y Geofísicas de la Universidad Nacional de La Plata (FCAG, UNLP). Marks: 9.6 over 10.
- PhD in Astronomy (1995) - FCAG, UNLP. PhD Thesis: Study of Neutral Hydrogen at various phases.
- Post-doctorate in Astronomy (1998) - Instituto Astronômico e Geofísico (IAG), Universidade de Sao Paulo (USP), Brazil.

2.2 POSTDOCTORAL COURSES ATTENDED

- II Ciclo de Cursos Especiais: *Stellar mass loss rates*, by H.GL Lamers; Observatorio Nacional, Río de Janeiro, Brazil, 1997
- VI Ciclo de Cursos Especiais: *The formation of massive stars*, by C. Leitherer; Observatorio Nacional, Río de Janeiro, Brazil, 2001.

2.3 INTERNATIONAL SCHOOLS ATTENDED

- Vatican Observatory Summer School 1990, Castel Gandolfo, Italia
- First Mexican School on Astrophysics: Stellar Formation. México D.F., 1991.

3. GRANTS, FELLOWSHIPS

- Starting Grant – Comisión de Investigaciones Científicas de la Provincia de Buenos Aires, Argentina, 1990-1992.
- Junior Researcher Grant - National Science Foundation, USA – 1992-1993.
- PhD Grant II – Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) Argentina – 1994-1996.
- Post-Doctoral Grant- CONICET –1996-1997.
- Post-Doctoral Grant, Fundacao de Amparo a Pesquisa do Estado de Sao Paulo (FAPESP), Brazil – 1997-1998.

4. EMPLOYMENTS

- Junior Researcher Position, National Science Foundation, USA, Jul/1992-Ago/1993, working at the Array Operations Center of the Very Large Array, Socorro NM 87801.
- Post-doctoral Position, Fundacao de amparo a pesquisa do estado de Sao Paulo, Brazil, Apr/1997-Mar/1998, working at the Instituto Astronomico e Geofísico, Universidade Nacional de Sao Paulo - Av. M. Stefano 4200, Sao Paulo, Brasil
- Assistant Researcher, CONICET, 1998-2002, working at the Instituto Argentino de Radioastronomía (IAR), Cno. Gral Belgrano, KM 40000, Berazategui, Argentina
- Adjunct Researcher, CONICET, 2002-2007, working at IAR
- Independent Researcher, CONICET, 2007 to present, working at IAR
- Faculty Professor of the Universidad Nacional de La Plata, since 2004. Facultad de Ciencias Astronómicas y Geofísicas (FCAG), Paseo del Bosque s/n, La Plata, Argentina.
- OTHER: *Distinguished Visitor*, Australia Telescope National Facility, Nov/2009 and Feb-Mar/2012 / *Visiting professor*, California Institute of Technology, USA, May 2013.

5. DISTINCTIONS

Awarded the “Premio anual a la Mujer Innovadora 2012”, gold medal, given by the Honorable Senate Chamber of the Buenos Aires Province, March 2013.

6. FUNDING AND ACADEMIC AWARDS

- Full grant of the Vatican Observatory, 1990, to participate in VOSS’90. U\$S 2500
- Full grant of UNAM, 1991, to participate in the 1st Escuela Mexicana de Astrofísica, U\$S 1000
- IAU funding to travel to the VLA, 1992, U\$S 1100
- UNLP funding to travel to ATCA (Australia), 2000, U\$S 1536
- Funding for research Project, Fundación Antorchas, 2002. U\$S 3500
- Funding for research Project, Fundación Antorchas, 2003. U\$S 6600
- Funding for research Project PICT 2007-00848, ANPCyT, AR\$ 300 000
- Funding for conference organization CONICET, 2008, AR\$ 6000
- Funding for research Project, UNLP, 2012-2016, AR\$ 50 000
- Funding for conference organization, CONICET, 2012, AR\$ 20000
- Funding for research Project PICT 2012-00878, 2013, ANPCyT, AR\$ 400 000

7. PROJECT MANAGEMENT

- Investigaciones observacionales de procesos no-térmicos en estrellas tempranas - Dir: Paula Benaglia. 2002-2004 – Fundación Antorchas.
- Estudios observacionales y teóricos de objetos estelares extremos – Dir: P. Benaglia. 2009-2012 – Agencia Nac. de Promoción Científica y Tecnológica ANPCyT, PICT 2007-00848.
- Estudios observacionales y teóricos de objetos estelares extremos – Dir: P. Benaglia. FCAG, UNLP (FCAG), 2012-2016, G11/115.
- Estudios observacionales y teóricos de objetos estelares relativistas – Dir: Paula Benaglia. 2013-2016 – ANPCyT, PICT 2012-00878.

8. TEACHING

Since 1987 to 2004, successively Teaching Assistant (various departments, UNLP), Adjunct Professor (FCAG-UNLP).

Currently, Adjunct Professor (1) Computer Programming (FCAG, UNLP), since 19/Dec/2005. (2) Radioastronomy, since 01/Aug/2015.

- Professor of “Introducción a la Radioastronomía”, Departamento de Física y Astronomía de la Universidad de Valparaiso. Octubre/2008
- Professor of “Radio-interferometría e introducción al paquete Miriad”, IAR, dec/2011.

9. TRAINING, MENTORING, ETC

9.1 SUPERVISION OF POST-DOCS AND RESEARCHERS

- Dr. Manuel Fernández López, Postdoctoral fellow, from Apr/2014
- Dra. Cintia C. Peri, Postdoctoral fellow, since Apr/2015
- Dr. Juan Facundo Albacete Colombo, Assistant Researcher, 2007-2009.

9.2 SUPERVISION OF PHD THESES

- Supervisor of PhD Thesis of Lic. Cintia S. Peri, FCAG, UNLP, completed in Dec/2014
- Supervisor of PhD Thesis of Lic. Juliana Saponara, FCAG, UNLP, since 2014
- Supervisor of PhD Thesis of Lic. Natacha Isequilla, FCAG, UNLP, since 2015.

9.3 SUPERVISION OF PHD SCHOLARS

- Supervisor of PhD Grant I (CONICET) of Cintia S. Peri, 2010-2013
- Supervisor of PhD Grant II (CONICET) of Cintia S. Peri, 2013-2015
- Supervisor of PhD Grant I (CONICET) of María V. del Valle, 2009-2011
- Supervisor of PhD Grant II (CONICET) of María V. del Valle, 2012-2014
- Supervisor of PhD Grant (CONICET) of Juliana Saponara, desde 04/2014

- Supervisor of PhD Grant I (UNLP) of Natacha L. Isequilla, desde 04/2015.

9.4 SUPERVISION OF GRADUATE THESIS

- Supervisor of Graduate final work of Cintia S. Peri, FCAG, UNLP, 2009
- Supervisor of Graduate final work of N. L. Isequilla, FCAG, UNLP, 2013
- Supervisor of Graduate final work of Juliana Saponara, FCAG, UNLP, 2013

9.5 SUPERVISION OF OTHER SCHOLARS

- Supervisor of A.A.A. scholar of M. V. del Valle, Jan-Feb/2009, FCAG, UNLP
- Supervisor of A.A.A. scholar of Juliana Saponara, Jan-Feb/2012, IAR and FCAG
- Supervisor of C.I.N. scholar of Juliana Saponara, Oct-2012/Oct-2013

9.6 OTHER SUPERVISION

- Mr Sebastián E. Nuza, Lic. en Física, UBA, Labs 6 and 7, 2001
- Ms A. N. L. Ganopol, Lic. en Física, UBA, Labs 6 and 7, 2002
- Mr Nicolás Aragón, high-school student, Las Breñas, Chaco, Argentina. Co-supervisor, World Science Fair (4th prize, Portsmouth, USA, 2004)
- Ms Carolina Hugo, Lic. en Física, UBA, Labs 6 and 7, 2003
- Faculty Advisor at FCAG-UNLP of Natacha L. Isequilla y Juliana Saponara, 2009 to 2012
- Faculty Advisor at FCAG-UNLP of Agustina Blanco, 2015
- Mr Valentín Lefranc, Université de Paris Sud, Internship Director, Apr-Jun/2012.

10. LECTURES IN FOREIGN INSTITUTIONS

- “3EG sources around the galactic plane”. P. Benaglia. Australia Telescope National Facility (Sydney) & Mount Stromlo and Siding Spring Observatory (Canberra), 2000, Australia.
- “Non-thermal emission from early-type stars”. P. Benaglia. Dept. Astronomia i Meteorología (DAiM), Universitat de Barcelona, 2001, Spain.
- “A radio view of OB stars“. P. Benaglia. DAiM, U. Barcelona, 2009, Spain.
- “Runaway massive stars and their bow shocks”, ATNF, Sydney, 2012.
- “New results on RCW 49 and Westerlund 2”, National Center for Radio Astrophysics, Tata Institute, Pune, India, 2014.

11. CONFERENCES ATTENDED

- VI Latin American Regional Meeting of the IAU - Gramado, Brasil, Oct-1989.
- 21st IAU General Assembly - Buenos Aires, Argentina, Jul-1991
- New Mexico Astronomy Symposium 1992 - New Mexico, USA, Feb. 1993
- XXIII Reuniao Anual da SAB - Angra dos Reis, RJ, Brasil, Aug 3 - 7, 1997
- XXV Reuniao Anual da SAB - Caxambu, MG, Brasil, Aug 1 - 5, 1999
- 212 IAU Symposium: A massive star odyssey: from main sequence to supernovae - Lanzarote, Spain, Jun 2002
- Massive Stars in Interacting Binaries (workshop) - Sacacomie, Quebec, Canadá, Aug 2004
- Mass loss from stars and the evolution of stellar clusters (wshp) - Lunteren, Holl. May 2006
- Massive Stars: Fund. Par. & Circumstellar Interactions (workshop)-Cariló, Argentina, Dec06
- High energy phenomena in massive stars (workshop), Jaén, Spain, Feb 2009
- The interferometric view of hot stars (workshop), Viña del Mar, Chile, Mar 2009
- High energy phenomena in relativistic outflows (workshop), Bs As, Argentina, Oct 2009
- Jets at all scales (IAU Symp 275), Bs As, Argentina, Sep 2010
- XIII Latin American Regional Meeting of the IAU, Morelia, México, noviembre 2010
- First bi-national meeting A.A.A.-Sochias, San Juan, Argentina, Oct 2011
- COSPAR Capacity Building Workshop on Infrared data, UNSAM, oct-2012.
- Massive stars: from alpha to omega (workshop), Rodhes, Greece, Jun 2013
- 40 years of research in Radioastronomy, 25 at IAG/USP, Brazil, May 2014

12. RADIO OBSERVING PROPOSALS

- Observing Astronomer, Very Large Array (Socorro, New México), > 100 h (1992- 1993)
- Observing Astronomer, Instituto Argentino de Radioastronomía, ~300 hs
- Visiting Astronomer, Australia Telescope Compact Array, Narrabri (NSW), Australia, 28-03 al 07-04-00, 22-01 al 02-02-03, 28-04 al 10-05-04
- Benaglia et al., 12h, “A direct imaging search for clumps in the stellar wind of gamma-Velorum”, ATCA, C1616, dic/2006
- Observations with the Australia Long Baseline Array (VLBI), 2006 (4 h); 2007 (8 h), 2008 (12 h); “The wind-collision region of HD 93129A from LBA observations”, Benaglia et al.
- Observations with the Very Large Array, 2008. “Non-thermal emission from a stellar bow-shock”, J.M. Martí, P. Benaglia, G.E. Romero
- Observations with the ATCA, “The star forming region IRAS 16359-3654”, P. Benaglia y B. Koribasliki, Jun 2010.
- Observations with the Atacama Submillimeter Telescope Experiment (ASTE), “IRAS 16359-4635: a polarized massive star forming region”, Jul 2010; P. Benaglia, M. Curé, et al.
- Observations with GMRT “Imaging of a Bow shock around a massive runaway star near the Cyg OB2 star cluster”, I.R. Stevens, P. Benaglia, et al., 24 hs, nov. 15, 19, 2010, 19_29.
- Observaciones con el GMRT “A search for magnetized jets in the massive protostar IRAS 16547-4247”, P. Benaglia et al., enero 2012, 10h, 21_011.
- Observations with ATCA, “Wd 2: the key to HESS J1023-575?”, 2009 & 2012, 36h, C1847.
- Observations with VLA (Prop. 13B-212), “Search for non-thermal emission from stellar bow shocks”, C. S. Peri, P. Benaglia, et al., Oct 2013
- Observations with GMRT: “CWB at the Cygnus region”, P. Benaglia et al., 24 h 2013-2014, (Prop. 25_026).
- Observations with VLA (Prop. 14A-074), “WR 133: a system for study particle acceleration in colliding-wind binaries”, P. Benaglia et al., 5 h, Feb-Jun 2014.
- Observations with GMRT: “A deep investigation of the Cyg region at dm wavelengths” (Prop. 27_036), P. Benaglia et al., 40 h Oct 2014, Feb 2015.
- DDT Observations with VLA, “Is the emission from the wind-collision region of WR 146 polarized?”, May 2015, 1h, S. Del Palacio (PhD), P. Benaglia, et al.
- Observations with GMRT: “HI study of the local galaxy ESO270-G017”, (Prop. 28_081), P. Benaglia et al., 25 h, Nov 2015
- Observations with GMRT: “A deep investigation of the Cyg region at dm wavelengths” (Propuesta 28_069), P. Benaglia et al., 40 h, Jun 2015
- Observations with ESA-DSA 3, “Observations of known sources to verify the data reduction process with DSA 3”, 2.5 h, Jun 2015
- Observations with GMRT: “Investigation of the interstellar medium of dwarf galaxies using HI observations” (Prop. 29_067), J. Saponara (PhD), P. Benaglia, 15 h, Nov 2015
- Observations with VLA, “Is the radiation from the brightest colliding-wind binaries polarized?”, 2015, 4h, S. Del Palacio (PhD), P. Benaglia, et al.

13. RESPONSABILITY FOR PLANNING CONFERENCES

- Co-organizaer, ‘Workshop para Instrumentación mm’, IAR, Dec 2001.
- Organizer of ‘1ª Jornada de Astrofísica Relativista’, IAR, Nov 2003.
- Member of LOC, 48a. Reunión Anual de la A.A.A. La Plata, 2005.
- SOC and LOC member, Workshop on ‘Astronomía Observacional: Problemas y Perspectivas’, A.A.A.- FCAG, Apr 2006.
- LOC member, Workshop ‘Massive Stars: Fundamental Parameters and Circumstellar Interactions’, Cariló, Dec 2006.
- LOC member, 49a. Reunión Anual de la A.A.A., Córdoba, 2006.
- LOC member, Workshop on ‘Astronomía Teórica en Argentina’, A.A.A. 2007.
- Chair of LOC, “First La Plata International School on Astronomy and Geophysics”, FCAG, Mar 2008.
- LOC member, Workshop: Historia de la Astronomía Argentina, A.A.A. 2008.

- Chair of LOC, workshop “High-Energy Processes in Relativistic Outflows II”, Bs As, Oct 2009.
- Co-Chair of LOC, Binational Argentina-Chile Astronomical Meeting, San Juan 10/2011.
- LOC Member, Reunión Anual de la A.A.A. Sep 2012, Mar del Plata.
- LOC Member of “COSPAR capacity-building workshop on Spitzer and Herschel data analysis”, UNSAM, Argentina, Oct 2012.
- SOC Member, Reunión Anual de la Asociación Argentina de Astronomía, La Plata 2015

14. OUTREACH

- (i) ‘Vientos Estelares’, Revista Ciencia e Investigación de la Asociación Argentina para el Progreso de las Ciencias #58, p. 27, 2007.
- (ii) Various talks in High Schools, since 2009.
- (iii) Interview “Decisión estelar”, Boletín de Noticias, FCAG (UNLP) #214, Dec 2006
- (iv) Outreach article; “Radioestrellas, vientos en colisión, y HD 93129A”, Boletín Radioastronómico del IAR #17, Jun 2007, y Revista de la A.Arg. Amigos Astr. Jan 2008.
- (v) Invited review at “Física interdisciplinaria”, FCE, UNLP, 2010 y 2011.
- (vi) Invited outreach review, “Las estrellas más grandes del universo”, XIII Reunión Regional Latinoamericana de la UAI, México DF, Nov 2010.
- (vii) Interview for Agency Agencia CTyS, 20/12/2012:
<http://www.ctys.com.ar/index.php?idPage=20&idArticulo=2329>
- (viii) Interview for News-CONICET, 17/12/2012: “Malargue, una ventana al espacio”; url:
<http://www.conicet.gov.ar/malargue-una-ventana-al-espacio/>
- (ix) Interview for News-CONICET, 26/06/2013: “Lejos de casa”; url:
<http://www.conicet.gov.ar/lejos-de-casa/>
- (x) Interview for Journal Diario El Día, Suplemento Séptimo Día, 13/01/2013, “Son más las miradas femeninas que apuntan al cielo”; url: <http://www.eldia.com.ar/edis/20130113/Son-mas-miradas-femeninas-apuntan-cielo-septimodia0.htm>
- (xi) Participations at radio shows: Mendoza, 'Tarde insolente' con Oscar Abrahan; and 'Eureka', radio América with Nora Bar
- (xii) Participation in TV show 'Vivo en Argentina, 18/Dec/2012

15. COMMITTEES, POSITIONS OF RESPONSABILITY, ADMINISTRATION

- Member of Directive Commission of the Argentine Astronomy Association (Treasurer), 2005 to 2008.
- Academic Advisor at FCAG, UNLP, 01/04/2007 to 31/03/2010.
- President of Teaching Commission at FCAG-UNLP, 1/4/2007 – 31/3/2008
- Member of Commission: Interpretación de Reglamento y Finanzas FCAG-UNLP, 2009-2010.
- Member of Directive Council of IAR, Jun de 2007-2011, 2011-2013.
- Scientific Responsible at IAR, 2008-2010.
- Member of Astronomy Advisory Commission, CONICET, 2009-2010.
- Member of 'COSPAR Fellowship Program Committee', 2012-2015
- Member of Grants Advisory Commission, UNLP, 2012 - 2013
- Member of Researcher Admission Commission, CONICET, 2013-2014
- Alternate Representative from CONICET at Tripartite Commission of DSA-3 Argentina
- Since Nov 2013, **Vicedirector of the IAR.**
- Editor-in-Chief of the Boletín de la Argentine Astronomy Association

16. PEER REVIEW TASKS

- CONICET peer review
- Referee of the Boletín de la Asociación Argentina de Astronomía
- Referee of Funding for astronomical instrumentation FAPESP, Brasil
- Referee of The Astrophysical Journal, 2010, 2012
- Referee of articles, Workshop Internacional LIAC2010, Belgium, 2011

- Referee of funding for research projects, CONICYT, Chile, 2011
- Referee for observational proposals, GMRT, India, 2012, 2013, 2014
- Evaluator of the CONEAU (Comisión Nacional de Evaluación y Acreditación Universitarias), Basic Sciences
- Referee of Astronomy and Astrophysics, 2013
- Referee for the ANPCyT, 2014.
- Referee for the AJ, 2015

17. VISITING SCIENTIST PROGRAM ORGANIZATION

- Dr. Julian M. Pittard, University of Leeds, UK (2008)
- Dr. Josep Martí, Universidad de Jaén, Spain (2009)
- Dr. Ian R. Stevens, University of Birmingham, UK (2011)
- Dr. Alberto Noriega-Crespo, California Institute of Technology, USA (2013)
- Dr. Juan Ramón Sánchez-Sutil, Universidad de Jaén, Spain (2013).
- Dr. Ishwara-Chandra, Tata Institute, NCRA, Pune, India, 2014.

18. PARTICIPATION IN EVALUATION PANELS

- Of PhD in Physics of Anabela R. Turlione, University of Rosario, Santa Fé, Jun 2015
- Of Final Work in Astronomy of graduate F. Campusano Castro, FCAG-UNLP, Nov 2014
- Of PhD in Physics of Carolina Pepe, UBA, Bs As, Mar 2014
- De Tesis de Doctorado en Astronomía de Cecilia Fariña, FCAG-UNLP, Mar 2012
- Of PhD in Physics of Martín Ortega, UBA, Bs As, Apr 2010
- Of PhD in Astronomy of Vasquez, FCAG-UNLP, Mar 2009
- Of Final Work in Astronomy of graduate Laura A. Suad, FCAG-UNLP, Mar 2009
- In advisory commissions of several teaching contests at FCAG, UNLP.
- Jury of the A.A.A. Prize ‘Carlos M. Varsavsky’ to the best PhD Astronomy Thesis 2010-12.

PUBLICATIONS

A- In peer-reviewed international periodic journals (last 5 years)

39. A radio map of the colliding winds in the very massive binary system HD 93129A
P. Benaglia, B. Marcote, J. Moldón, E. Nelan, M. De Becker, S. M. Dougherty, B. Koribalski
Astronomy and Astrophysics 579,99, 2015.
38. E-BOSS: An Extensive stellar BOw Shock Survey. II. Catalogue second release
C. S. Peri, **P. Benaglia**, N. L. Isequilla.
Astronomy and Astrophysics 578, 45, 2015.
37. Evidence of Non-thermal X-Ray Emission from HH 80
J. Lopez-Santiago, C.S. Peri, R. Bonito, M. Miceli, J.F. Albacete-Colombo, **P. Benaglia**, E. de Castro
The Astrophysical Journal Letters, 776, 22, 2013.
36. High resolution radio emission from RCW 49/Westerlund 2
Benaglia, P., Koribalski, B., Peri, C., Martí, J., Sánchez-Sutil, J., Dougherty, S.M., Noriega Crespo.
Astronomy and Astrophysics, 2013, 559, 31.
35. E-BOSS: an Extensive stellar BowShock Survey: I. Methods and first catalogue
Peri, C.S., **Benaglia, P.**, Brookes, D., Stevens, I.R., Isequilla, N.
Astronomy and Astrophysics 538, 108, 2012
34. Multiwavelength study of the intriguing massive star CPD-59 2629
Combi, J.A., et al.
Bulletin of the Société Royale des Sciences de Liege 80, 644, 2011
33. Non-thermal radiation from a runaway massive star
Romero, G.E., **Benaglia, P.**, Peri, C.S., Martí, J., Araudo, A.T.
Bulletin of the Société Royale des Sciences de Liege 80, 420, 2011
32. Radio and IR study of the massive star-forming region IRAS 16353-4636
Benaglia, P.; Ribo, M.; Combi, J. A.; Romero, G. E.; Chaty, S.; Koribalski, B.; Mirabel, et al.
Astronomy and Astrophysics 523, 62, 2010.
31. Detection of nonthermal emission from the bow shock of a massive runaway star
Benaglia, P.; Romero, G. E.; Martí, J.; Peri, C. S.; Araudo, A. T.
Astronomy and Astrophysics (Letters) 517, L10, 2010.

1994 to 2009:

1. *Astronomy and Astrophysics* 287, 601-618, 1994. / 2. *The Astrophysical Journal* 426, 249-253, 1994.
3. *Astronomy and Astrophysics* 299, 193-206, 1995. / 4. *Astronomy and Astrophysics* 301, 33-40, 1995.
5. *The Journal of Astronomical Data* 3, 2, 1997. / 6. *Astronomy and Astrophysics Supplement* 124, 307-313, 1997. / 7. *Astronomy and Astrophysics* 326, 77-86, 1997. / 8. *Astronomy and Astrophysics (Letters)* 333, L91-L94, 1998. / 9. *The Astronomical Journal* 116, 1906-1911, 1998. / 10. *Astronomy and Astrophysics* 346, 979-989, 1999. / 11. *The Astrophysical Journal (Letters)* 519, L177-L180, 1999.
12. *Astronomy and Astrophysics* 348, 868-876, 1999. / 13. *The Astronomical Journal* 118, 659-665, 1999. / 14. *Astronomy and Astrophysics* 366, 605-611, 2001. / 15. *Astronomy and Astrophysics* 366, 1047-1052, 2001. / 16. *Astronomy and Astrophysics (Letters)* 370, L5-L8, 2001. / 17. *Astronomy and Astrophysics* 370, 468-478, 2001. / 18. *Astronomy and Astrophysics* 372, 952-962, 2001. / 19. *Astronomy and Astrophysics* 384, 954-964, 2002. / 20. *Astronomy and Astrophysics* 399, 1121-1134, 2003. / 21. *The Astrophysical Journal* 597, 494-512, 2003. / 22. *Astronomy and Astrophysics* 416, 171-178, 2004. / 23. *Astronomy and Astrophysics (Letters)* 431, L9-L12, 2005. / 24. *Astronomy and Astrophysics* 440, 743-750, 2005. / 25. *The Astrophysical Journal* 643, 238, 2006. / 26. *Publications of the Astronomical Society of Australia* 23, 50, 2006. / 27. *The Astrophysical Journal (Letters)* 653, L41, 2006. / 28. *Astronomy and Astrophysics* 467, 1265, 2007. / 29. *Astrophys. & Sp. Science* 309, 395, 2007.
30. *Monthly Notices of the RAS*, 389, 1447, 2008.

B - Books edited

1. *Anales del Workshop sobre Astronomía Observacional: Problemas y Perspectivas*; A.A.A., 145 pages, La Plata. Eds: P. Benaglia y S.A. Cellone.
2. *Anales del Workshop sobre Astronomía Teórica: Problemas y Perspectivas*, A.A.A. – OAC, May/2007. Eds: S. Cellone and P. Benaglia. 87 pages.
3. “Compact Objects and their Emission”, 250 pages., Gustavo E. Romero and Paula Benaglia, Editorial Paideia, 2008, ISBN: 978-987-24948-0-3.
4. “Massive stars: fundamental parameters and circumstellar interactions”; proceedings de workshop internacional, 300 pages., Rev. Mex. Astron. Astrofis. Serie de Conf. 33, eds. P. Benaglia, G. L. Bosch, C. E. Cappa, 2007.
5. Invited Editor of the Boletín #54 de la Asociación Argentina de Astronomía, 2012, by J. J. Claria, P. Benaglia, R. Barba, A. Piatti, F. Bareilles. La Plata, 478 pages.

C- Invited reviews

1. The Gould Belt system and the local interstellar medium. 4.7: The CNM in the LISM - W.G.L. Poeppel, P. Marronetti, P. Benaglia. Con referato formal. *Fund. of Cosmic Phys.* 18, 186, 1997.
2. Non-thermal emission from early-type stars - P. Benaglia (refereed) - *Boletín de la Asociación Argentina de Astronomía* No. 48, 127, 2005.
3. Non-thermal radio emission from massive stars: an observer's view - P. Benaglia. *ASP Conference Series* 422, 111, 2010
4. Radio emission from massive protostellar objects - P. Benaglia, *Rev. Mex. A. Astrofís.* 40, 211, 2011.
5. Runaway stars: their impact on the interstellar medium - P. Benaglia, I.R. Stevens, C.S. Peri. *BAAA#55*, 2013 .

D- Outreach articles

1. Vientos estelares, por P. Benaglia. *Ciencia e Investigación – Revista de la Asociación Argentina para el Progreso de las Ciencias*, #28, p. 127, Nov/2007
2. Radioestrellas, vientos en colisión y HD 93129A, P. Benaglia. *Rev. Astron.* 276 of the AAAA, Jan/2009.

E- Other (last 5 yr)

- Shells and shocks in the galactic star-forming region RCW 49; P. Benaglia and B. Koribalski, *ATNF News*, Issue 75, Oct 2013.
- Energetics of nearby stellar bow shocks; Benaglia, P. ; *Boletín de la Asoc. Argentina de Astronomía* 55, 165, 2013 (refereed)
- A kinematic study of three HI-rich local galaxies, Saponara, J.; Lefranc, V.; Benaglia, P.; Andruchow, I.; Koribalski, B., *Boletín de la Asoc. Argentina de Astronomía* 55, 353, 2013 (refereed).
- The antenna DSA 3 and its potential use for Radio Astronomy, P. Benaglia, N. Casco, S. Cichowolski et al., *BAAA* 54. 447, 2011.