

RESUME

Julio F. Navarro, Ph.D., FRSC

- **Contact Details:**

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- **Personal Data:**

Date and Place of Birth: 1962, Santiago del Estero, Argentina.
Citizenship: Argentine and Canadian.
Languages: Spanish (mother tongue), English and Italian (fluent),
Portuguese, French (working knowledge).

- **Education and Training:**

Degree	Institution	Year obtained
B.Sc.	Universidad Nacional de Córdoba, Argentina	1986
Ph.D.	Universidad Nacional de Córdoba, Argentina	1990

- **Work Experience:**

1 Jan 2019 – present: Lansdowne Professor of Science, University of Victoria.
1 Jul 2002 – present: Professor, University of Victoria.
1 Sep 2007 – 30 Jun 2008: Professor, University of Massachusetts, Amherst, MA, USA.
1 Jul 2001 – 30 Jun 2002: Associate Professor, University of Victoria.
1 Apr 1998 – 30 Jun 2001: Assistant Professor, University of Victoria.
1994-1998: Bart J. Bok Fellow. Steward Observatory, University of Arizona, Tucson, AZ, USA.
1991-1994: Senior Research Assistant, Physics Department, University of Durham, UK
1991: Research Assistant, Institute of Astronomy, University of Cambridge, Cambridge, UK
1989-1990: Smithsonian Astrophysics Observatory Predoctoral Fellow, Harvard-Smithsonian
Center for Astrophysics, Cambridge, MA, USA.
1989-1990: Associate Researcher, Harvard College Observatory, Harvard University,
Cambridge, MA, USA.

- **Honours, Awards and Fellowships:**

Doctorate <i>Honoris Causa</i> (UNC, Córdoba, Argentina)	2023
Fellow, Argentine National Academy of Sciences	2022
Doctorate <i>Honoris Causa</i> (UNSE, S. del Estero, Argentina)	2021
Clarivate Web of Science Physics Citation Laureate	2020
Henry Marshall Tory Medal, Royal Society of Canada	2015
U.K. Leverhulme Trust Visiting Professor	2004-2005 and 2015-2016
Fellow, Royal Society of Canada	2011 to date
Fellow, Canadian Institute for Advanced Research	2002 to date
Thomson Highly-Cited Researcher	2004 and 2017
Perimeter Institute Affiliate Member	2008 to date
Fellow, Academy of Science, Santiago del Estero	2010
Fellow of the J.S. Guggenheim Memorial Foundation	2003/2005
F.W. Bessel Prize (Alexander von Humboldt Foundation)	2003/2005
University of Victoria Faculty of Science Research Award	2003

Fellow of the IAS, Hebrew University of Jerusalem	2003
Scholar of the Canadian Institute for Advanced Research	1998/2002
Fellow of the Alfred P. Sloan Foundation	1999/2001

- **Invited Talks and Presentations:**

100+ since 2010 worldwide.

- **Main current and former collaborators:**

Simon White. Max-Planck Institute for Astrophysics. Garching, Germany
 Carlos Frenk. Institute for Computational Cosmology. Durham University, UK
 Matthias Steinmetz. Leibniz Institute for Astrophysics. Potsdam, Germany
 Amina Helmi. Kapteyn Astronomical Institute. Groningen University, The Netherlands
 Volker Springel. Heidelberg Institute for Theoretical Science, Germany.
 Mario Abadi. Astronomical Observatory. Universidad Nacional de Córdoba, Argentina.

- **Ten most-cited publications (as of December 2022. Source: ADS):**

1. Navarro, J.F., Frenk, C.S., and White, S.D.M., 1997. A Universal Density Profile from Hierarchical Clustering, *Ap. J.* **490**, 493 (8701 citations).
2. Navarro, J.F., White, S.D.M., and Frenk, C.S. 1996. The Structure of Cold Dark Matter Halos. *Ap. J.* **462**, 563 (7085 citations).
3. Springel, V., White, S.D.M., Jenkins, A., Frenk, C.S., Yoshida, N., Gao, L., Navarro, J.F., Thacker, R., Croton, D., Helly, J., Peacock, J., Cole, S., Thomas, P., Couchman, H., Evrard, A., Colberg, J., Pearce, F. 2005. Simulations of the formation, evolution and clustering of galaxies and quasars. *Nature*, **435**, 629 (3882 citations).
4. Darren J. Croton, Volker Springel, Simon D. M. White, G. De Lucia, C. S. Frenk, L. Gao, A. Jenkins, G. Kauffmann, J. F. Navarro, N. Yoshida. 2006. The many lives of AGN: cooling flows, black holes and the luminosities and colours of galaxies. *MNRAS*, **365**, 11 (3207 citations).
5. Schaye, J., et al, 2015. The EAGLE project: simulating the evolution and assembly of galaxies and their environments. *M.N.R.A.S.* **446**, 521. (2713 citations).
6. Springel, V.; Wang, J.; Vogelsberger, M.; Ludlow, A.; Jenkins, A.; Helmi, A.; Navarro, J. F.; Frenk, C. S.; White, S. D. M. 2008. The Aquarius Project: the subhaloes of galactic haloes. *MNRAS*, **391**, 1685 (1590 citations).
7. White, S.D.M., Navarro, J.F., Evrard, A.E., and Frenk, C.S., 1993. The Baryon Content of Galaxy Clusters: A Challenge to Cosmological Orthodoxy. *Nature* **366**, 429 (971 citations).
8. Navarro, J. F.; Hayashi, E.; Power, C.; Jenkins, A. R.; Frenk, C. S.; White, S. D. M.; Springel, V.; Stadel, J.; Quinn, T. R., 2004. The inner structure of LCDM haloes. III. Universality and asymptotic slopes. *MNRAS*, **349**, 1039 (932 citations).
9. Navarro, J.F., Frenk, C.S., and White, S.D.M., 1995. Simulations of X-ray Clusters. *M.N.R.A.S.* **275**, 720 (854 citations).
10. Cole, S., Aragón, A., Frenk, C.S., Navarro, J.F., and Zepf, S., 1994. A Recipe for Galaxy Formation. *M.N.R.A.S.*, **271**, 781 (852 citations).

- **Citation analysis (December 2020. Source: ADS)**

320+ papers in the refereed literature since 1989, cited a total of 66,000+ times.

2 papers with 5000+ citations; 5 papers with 2500+ citations; 6 papers with 1000+ citations; 20 papers with 500+ citations; 102 papers with 109+ citations.

H-index: 102 (i.e., 102 papers with 102+ citations)

- **Graduate Students and Postdocs (supervised and co-supervised):**

Daniel Boyea (MSc, current)
Ryan Jackson (PDF, 2022-current)
Alexandra Borukhovetskaya (PhD, expected 2023)
Matthew Pereira Wilson (MSc, 2022)
Isabel Santos-Santos (PDF, 2019-2021)
Raphael Errani (PDF, 2019-present)
Chervin Laporte (PDF, 2017-2019)
Ruth Digby (MSc 2019)
Nicholas Loewen (MSc candidate, 2017-present)
Thorold Tronrud (MSc 2018)
Cameron Yozin (PDF 2016-2017)
Kyle Oman (PhD 2017)
Azadeh Fattahi (PhD 2017)
David Algorry (PhD 2016)
Alejandro Benítez-Llambay (PhD 2016)
Ismael Ferrero (PhD 2015)
Else Starkenburg (PDF, 2012-2014)
Chris Barber (MSc 2014)
Aaron Dutton (PDF 2011-2012)
Aaron Ludlow (PhD 2009)
Jorge Peñarrubia (PDF 2007-2010)
Laura Sales (PhD 2007)
Alan McConnachie (PDF 2007-2010)
Andreea Font (PhD 2006)
Mario Abadi (PDF 2002-2005)
Andrés Meza (PDF 2002-2005)
Eric Hayashi (PhD 2005)