

# Verónica Becher

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## Address

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## Degrees

Licenciatura en Ciencias de la Computación, Universidad de Buenos Aires (UBA), 1990.

MSc.in Computer Science, University of British Columbia, Vancouver, Canada, 1993.

PhD. in Computer Science, UBA, 1999.

## Current positions

Full Professor (Profesora Titular), Facultad de Ciencias Exactas y Naturales (FCEyN), UBA since 2017

Principal Researcher (Investigadora Principal) Consejo Nacional Investigaciones Científicas y Técnicas (CONICET), since 2017

Researcher at SINFIN (formerly LIA INFINIS), Université de Paris -CNRS / UBA-CONICET

**Area** Theoretical computer science, normal numbers, randomness, combinatorics on words.

**Orcid** <https://orcid.org/0000-0002-5425-8563>

## Main international scientific responsibilities

- Editor of Editor of Moscow Journal of Combinatorics and Number Theory, since 2021.
- Editor of the Journal of Symbolic Logic (Association of Symbolic Logic), since 2018
- Associate Editor of Journal of Logic, Language and Information (Kluwer/Springer), 2005-2009
- Council Member of the Association of Symbolic Logic, 2008-2010, 2022-2025; Executive Committee 2014-2017
- Division of Logic, Methodology and Philosophy of Science and Technology (DLMPS) of the International Union of History and Philosophy of Science, Council Member 2016-2019. Second vice-president 2010-2022.
- Committee ECOS Argentina-France, responsible for the exact sciences, 2010-2012
- Steering Committee Computability Complexity and Randomness (CCR) since 2004
- Steering Committee Computability in Europe (CiE) 2022-2026.

## Main Argentine scientific responsibilities

- Consejera Directiva Titular, FCEyN, UBA, 2018-2022
- Directora Adjunta del Departamento Computación FCEyN, UBA, October 2014-2016
- Vocal Titular del Consejo de Administración, Fundación Sadosky, 2016-2020

## Visiting researcher

- Institut de Recherche en Informatique Fondamentale (IRIF), Université de Paris & CNRS, regularly since 2002
- Erwin Schrödinger International Institute for Mathematics and Physics (ESI), University of Vienna, November 2016
- Institute for Mathematical Sciences (IMS), National University of Singapore, June 2014, April 2019.
- Institut de Recherche Mathématique Avancée, Université de Strasbourg, July 2013; June 2017.
- Isaac Newton Institute for Mathematical Sciences, Cambridge UK, June 2012.
- Chercheuse étranger de Mairie de Paris, Université Paris 7, November 2008 to February 2009.
- Dept. Mathematics and Computer Science University of Victoria, Wellington, New Zealand, November 2004.
- Department of Logic and Philosophy of Language, Universidad de Sevilla, España, January 2002.
- Researcher IBM Thomas Watson Research Center, New York, USA, December 1999 and December 2000.

## Current research grants

- PICT 2018-02315 Complejidad Temas Abiertos, Director: Verónica Becher, 2020-2022
- ECOS PA17C04 "Randomness and finite-state machines" Directors: Verónica Becher (UBA) , Olivier Carton (Université de Paris), 2018-2021.
- STIC-Amsud 20-STIC-06 "Randomness and Probabilistic Analysis of Algorithms", 2020-2022. Directors V.Becher (UBA), L.Lhote (ENSICAEN and Université de Caen) and A.Viola (Universidad de La República Uruguay) .

## Research supervision

Directed 7 Postdocs/Research Assitants, 5 PhD thesis, 41 Master in Science thesis, 2 ongoing.

## Other

Plenary speaker CiE 2012, SLALM 2014, ASL 2014, CLMPS 2015, LC 2017, CCR 2016,CCA 2017,UDT 2021, CCA 2022.