

Xavier S. Warnes

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Education

- 2015–2021 **Ph.D. in Business Administration, Operations, Information & Technology**,
Stanford University, GSB.
- 2009–2015 **Licenciatura in Applied Mathematics**, *University of Buenos Aires.*

Publications and Working Papers

- Y. Gur, D. Iancu, X. Warnes. *Value Loss in Allocation Systems with Provider Guarantees* Management Science (2021). <https://doi.org/10.1287/mnsc.2020.3656>
- X. Warnes. *Social good, fairness, and efficiency in Operations Management*. Ph.D. Thesis (2021)
- G. Durán, M. Safe, X. Warnes. *Neighborhood covering and independence on P_4 -tidy graphs and tree-cographs*. Ann Oper Res (2020). <https://doi.org/10.1007/s10479-017-2712-z>
- X. Warnes. *Structural and Algorithmic Results on Neighborhood-Perfect Graphs and Neighborhood Numbers*, Master Thesis, University of Buenos Aires, 2014.
- S. Camelo, F. Ciocan, D. Iancu, X. Warnes, S. Zoumpoulis. *Quantifying and Realizing the Benefits of Targeting for Pandemic Response*. (Submitted to OR)
- D. Iancu, E. Plambeck, X. Warnes. *Improving Smallholder Welfare While Preserving Natural Forest: Intensification vs. Deforestation* (Working Paper)
- J. de Zegher, D. Iancu, E. Plambeck, X. Warnes. *Incentives and Requirements for Protecting Tropical Forests and Improving Smallholder Welfare* (Working Paper)

Conferences

- October 2022 **Speaker**, *INFORMS Annual Meeting 2022*, Indianapolis, Indiana.
Improving Smallholder Welfare While Preserving Natural Forest: Optimal Mechanisms and Operational Implications
- June 2022 **Speaker**, *MSOM Annual Meeting 2022*, Munich, Germany.
Improving smallholder welfare while preserving natural forest: intensification vs. deforestation
- October 2021 **Speaker**, *INFORMS Annual Meeting 2021*, Anaheim, California.
Group Incentives for Preventing Deforestation and Improving Smallholder Farmer Welfare
- May 2021 **Speaker**, *POMS 31st Online Conference*, Virtual.
Balancing Natural Capital And Farmer Welfare: Optimal Mechanisms And Operational Implications

- November 2020 **Speaker**, *INFORMS Annual Meeting 2020*, Virtual.
Financing for Responsible Operations: The case of Nan Province, Thailand
- October 2019 **Speaker**, *INFORMS Annual Meeting 2019*, Seattle, Washington State.
Balancing Natural Capital and Farmer Welfare: Optimal Mechanisms and Operational Implications
- November 2018 **Speaker**, *INFORMS Annual Meeting 2018*, Phoenix, Arizona.
Value Loss in Allocation Systems with Provider Guarantees
- July 2018 **Speaker**, *2018 INFORMS MSOM Conference*, Dallas, Texas.
Revenue Loss Under Income Guarantees in Allocation Systems
- June 2018 **Speaker**, *Revenue Management and Pricing Conference*, Toronto, Canada.
Revenue Loss Under Income Guarantees in Allocation Systems
- October 2017 **Speaker**, *INFORMS Annual Meeting 2017*, Houston, TX.
Revenue Loss under Constrained Allocations in Centralized Marketplaces

Teaching Experience

- April 2019/2020/2021 **Course Assistant, OIT 262: Operations, Stanford GSB, MBA program, USA.**
- June 2019/2020/2021
- September 2016/2017/2018 **Course Assistant, OIT 245: Optimization and Simulation Modeling, Stanford GSB, MBA program, USA.**
- December 2016/2017/2018
- June 2014 **Teaching Assistant, Operations Research course, University of Buenos Aires,**
- January 2015 *Mathematics Department, UBA, Buenos Aires.*
- March 2011 **Teaching Assistant, Algorithms and Data Structures III course, University**
- June 2015 **of Buenos Aires, Computer Science Department, UBA, Buenos Aires.**
- March 2013 **Teaching Assistant, Optimization course, University of Buenos Aires, Mathe-**
- March 2014 *matics Department, UBA, Buenos Aires.*

Academic Services

- Reviewer **Management Science, Operations Research Letters.**

Fellowships

- September 2015 **Stanford GSB Fellowship, The David S. Tappan Jr. Fellowship, The Kiam**
- June 2021 *Family Fellowship Fund, Kurt and Molly Hauser Fellowship, Institutional Venture Partners Fellowship, Carroll and Emma Roush Scholarship Fund, Jackson Hugh Bowling Fellowship, Jaedicke Family Fellowship, Robert J. and Doreen D. Marshall Scholarship.*
- August 2013 **Research Fellowship, Beca Estimulo de Investigación de la Universidad de**
- March 2015 *Buenos Aires, merit-based Research Fellowship granted with a specific research proposal. Title of proposal: "Neighborhood-perfect graphs, structural characterizations and algorithms".*

Languages

Spanish Native speaker

English Bilingual

French Intermediate

Studied five years in high school.

Technologies

Advanced \LaTeX , C++, Matlab, Octave, Python, Zimpl, scip

Basic Haskell, HTML, JavaScript, R, gephi, Cplex, ampl, Stata