

Appointments

- 2014– **Professor, University of Chicago** *Department of Ecology & Evolution; Senior Fellow, Computation Institute*
- 2009-2014 **Assistant Professor, University of Chicago** *Department of Ecology & Evolution; Fellow, Computation Institute*
- 2007-2009 **Postdoctoral Associate, University of California Santa Barbara** *National Center for Ecological Analysis & Synthesis (NCEAS)*
- 2005-2007 **Postdoctoral Fellow, University of Michigan** *Mercedes Pascual Laboratory*
- 2004-2005 **Postdoctoral Fellow, Michigan State University** *Scott Peacor Laboratory, NOAA GLERL*

Education

- 2002-2005 Ph.D, Ecology. Università degli Studi di Parma, Italy. Advisor — Antonio Bodini
- 1995-2001 Laurea, Environmental Sciences. Università degli Studi di Parma, Italy. Advisor — Alessandro Zaccagnini

Publications

- [1] S. Suweis, J. Grilli, J.R. Banavar, S. Allesina, and A. Maritan. Effect of localization on the stability of mutualistic ecological networks. *Nature Communications*, 6, 2015.
- [2] S. Allesina, J. Grilli, G. Barabás, S. Tang, J. Aljadeff, and A. Maritan. Predicting the stability of large structured food webs. *Nature Communications*, 6, 2015.
- [3] E.L. Sander, J.T. Wootton, and S. Allesina. What can interaction webs tell us about species roles? *PLoS Computational Biology*, 11(7), 2015.
- [4] C.J. Weinberger, J.A. Evans, and S. Allesina. Ten simple (empirical) rules for writing science. *PLoS Computational Biology*, 11(4), 2015.
- [5] J. Grilli, G. Barabás, and S. Allesina. Metapopulation persistence in random fragmented landscapes. *PLoS Computational Biology*, 11(5), 2015.
- [6] J.J. Borrelli, S. Allesina, P. Amarasekare, R. Arditi, I. Chase, J. Damuth, R.D. Holt, D.O. Logofet, M. Novak, R.P. Rohr, A.G. Rossberg, M. Spencer, J.K. Tran, and L.R. Ginzburg. Selection on stability across ecological scales. *Trends in Ecology and Evolution*, 30(7):417–425, 2015.
- [7] M.J. Smith, E. Sander, G. Barabás, and S. Allesina. Stability and feedback levels in food web models. *Ecology Letters*, 18(6):593–595, 2015.
- [8] G. Barabás and S. Allesina. Predicting global community properties from uncertain estimates of interaction strengths. *Journal of the Royal Society Interface*, 12(109), 2015.
- [9] S. Allesina and S. Tang. The stability-complexity relationship at age 40: a random matrix perspective. *Population Ecology*, 57(1):63–75, 2015.

Editing

- 2015- **PLoS Computational Biology** *Associate Editor*
- 2015- **Scientific Reports** *Editor*
- 2013- **Frontiers in Population Dynamics** *Associate Editor*
- 2012- **Journal of Complex Networks** *Associate Editor*
- 2009- **Oikos** *Subject Editor*

Reviewing

Reviewer for more than 50 journals and funding agencies, including: American Naturalist, Ecological Monographs, Ecology, Ecology Letters, National Science Foundation, Nature, Nature Communications, Nature Methods, NERC, Oikos, PLoS Biology, PLoS One, Proceedings of the National Academy of Sciences USA, Science, Trends in Ecology & Evolution.