Stefano Allesina

Academic Appointments

2014– **University of Chicago**, *Dept. Ecology & Evolution and Computation Institute*, Professor.

2009–2014 **University of Chicago**, *Dept. Ecology & Evolution and Computation Institute*, Assistant Professor.

2007–2009 **University of California Santa Barbara**, *NCEAS*, Postdoctoral Associate.

2005–2007 **University of Michigan**, *Mercedes Pascual Laboratory*, Postdoctoral Fellow.

2004–2005 **Michigan State University and NOAA**, *Scott Peacor Laboratory*, Postdoctoral Fellow.

Education

2002–2005 **Università di Parma, Italy**, *Ph.D.*, Ecology.
Advisor: Antonio Bodini

1995–2001 **Università di Parma, Italy**, *Laurea*, Environmental Sciences.
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.

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[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.

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