Biographical Sketch of Stefan Forcey

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(a) Professional Preparation

- Liberty University   Lynchburg, VA   Mathematics with Computer Science concentration   B.S. 1997.
- Virginia Tech   Blacksburg, VA   Mathematics   M.S. 2002.
- Virginia Tech   Blacksburg, VA   Mathematics   Ph.D. 2004.

(b) Academic Appointments

- Associate Professor, University of Akron, 2014-current.
- Assistant Professor, University of Akron, 2010-2014.
- Assistant Professor, Tennessee State University, 2005-2010.
- Graduate Research Assistant, Virginia Tech (supported by advisor's NSF grant), Summer 2000, 2001 and 2002, Summer/Spring/Fall 2003, Spring 2004.
- Graduate Teaching Assistant, Virginia Tech
  Fall 1997, Spring 1998, Spring/Summer/Fall 1999, Spring/Fall 2000-2002.
- Instructor, Virginia Tech Calculus Readiness Week, July 2000.

Nonacademic Employment

- Framatome Technologies, Lynchburg VA.
  Jan. 1996 - Aug. 1997, Summer and Fall 1998.

(c.i) Publications: most relevant

- Stochastic safety radius on Neighbor-Joining method and Balanced Minimal Evolution on small trees (with J. Xi, J. Xie, and R. Yoshida).
  Proceedings of the 10th Workshop on Uncertainty Processing., pp 217-230, 2015.
  `arxiv.org/1507.08734`
- Facets of the Balanced Minimal Evolution Polytope. (with L. Keefe, W. Sands)
  Journal of Mathematical Biology , 73(2), pp 447-468, 2016.
  `arxiv.org/1501.05536`
- Convex Polytopes from Nested Posets. (with S. L. Devadoss, S. Reisdorf, P. Showers)
  European Jour. of Combinatorics, 43, pp 229248, 2015. `arxiv.org/1306.4208`
- Cofree compositions of coalgebras. (with A. Lauve, F. Sottile)
  Annals of Combinatorics, 17(1), pp 105-130, 2013. `arxiv.org/1012.3483`
- Pseudograph associahedra. (with M. Carr, S. Devadoss) `arxiv.org/1005.2551`
  Jour. of Combinatorial Theory, Series A, 118(7), pp 2035-2055, 2011.

(c.ii) Publications: additional

- Hopf structures on the multiplihedra. (with A. Lauve, F. Sottile) `arxiv.org/0911.2057`
  SIAM Jour. of Discrete Mathematics, 24(4), pp 1250-1271, 2010.
- Geometric combinatorial algebras: cyclohedron and simplex. (with D. Springfield)
  Jour. of Algebraic Combinatorics, 32, pp 597-627, 2010. `arxiv.org/0908.3111`
- Quotients of the multiplihedron as categorified associahedra. `arxiv.org/0803.2694`
  Homotopy, Homology and Applications, vol. 10(2), pp 227-256, 2008.
- Convex Hull Realizations of the Multiplihedra `arxiv.org/0706.3226`
  Topology and its Applications, 156, pp 326-347, 2008.
- Operads in iterated monoidal categories (with J. Siehler, E. Seth Sowers)
  Jour. of Homotopy and Related Structures 2, pp 1-43, 2007. `arxiv.org/math/0702858`

(d) Synergistic Activities

- Editor of Encyclopedia of Combinatorial Polytope Sequences.
  `http://www.math.uakron.edu/~sf34/hedra.htm`
- Co-Organizer of Special Session on Graphs and Polytopes in Algebraic Combinatorics,
  Fall Central Sectional AMS Meeting October 20-21, 2012.
- Organizer of Physics and Mathematics Faculty Research Seminar,
  Tennessee State University, 2005-2010.
- Founder and organizer of Mathematics Graduate Student Research Seminar,
  Virginia Tech, 2003-2004.
- "Teaching to Promote Students Intellectual Development"
  workshop by Marcia Baxter Magolda
  VT Center for Excellence in Undergraduate Teaching, May 2001.