Michael Musty

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EDUCATION	**Ph.D., Mathematics,** Dartmouth College, Hanover, NH, USA	**2019**
	Dissertation Advisor: Prof. John Voight	
	Dissertation Title: *2-group Belyi maps*	
	M.S., Mathematics, University of Vermont, Burlington, VT, USA	**2014**
	Dissertation Advisor: Prof. Jonathan Sands	
	Dissertation Title: *Computing Iwasawa λ-invariants*	
	G.P.A.: 3.84/4.00	
	B.A., Mathematics/Scientific Computing, Boston College, Chestnut Hill, MA, USA	**2008**
	G.P.A.: 3.73/4.00	

EMPLOYMENT	**Postdoctoral Researcher,** ICERM, Providence, RI, USA	**September 2019–December 2019**
	Research and Teaching Assistant, Dartmouth College, Hanover, NH, USA	**2014–2019**
	Research and Teaching Assistant, University of Vermont, Burlington, VT, USA	**2012–2014**
	Lecturer and Tutor, Norwich University, Northfield, VT, USA	**2011–2013**
	Seasonal Landscaper, JM Landscaping, Bradford, VT, USA	**2000–2011**
	Shipping Assistant, Pleasant View Gardens, Loudon, NH, USA	**2009–2010**
	Permanent Substitute, Merrimack Valley High School, Penacook, NH, USA	**2009–2010**
	Research and Teaching Assistant, McGill University, Montreal, QC, CA	**2008–2009**

AWARDS	**Selfridge Prize,** Number Theory Foundation	**2018**

PUBLICATIONS IN PROGRESS

4. **Musty, M.**, (2019) *2-group Belyi maps*.

REFEREED PUBLICATIONS

3. **Musty, M.**, Schiavone, S., Sijsling, J., Voight, J. (2018) *A database of Belyi maps*, Proceedings of the Thirteenth Algorithmic Number Theory Symposium, Open Book Series 2, Mathematical Sciences Publishers, Berkeley, 2019, 375-392.

2. Steen, A., Mann, J., Carlberg, V., Kimball, A., **Musty, M.**, Simpson, E., (2017) *Understanding the cost of dermatologic care: A survey study of dermatology providers, residents, and patients*, Journal of the American Academy of Dermatology 76.4 (2017) pp. 609–617. Elsevier, 2017

1. Klug, M., **Musty, M.**, Schiavone, S., Voight, J. (2014) *Numerical calculation of three-point branched covers of the projective line*, LMS Journal of Computation and Mathematics 17.1 (2014) pp. 379–430. London Mathematical Society, 2014

SELECTED TALKS

4. JMM Special Session on Number Theory, Arithmetic Geometry, and Computation, *2-group Belyi maps*   2019

3. Simons Collaboration Meeting, *A database of Belyi maps*   2018

2. Quebec-Maine Number Theory Seminar, *2-group Belyi maps*   2017

1. Dartmouth Number Theory Seminar, *Computing Iwasawa λ-invariants*   2015