CURRICULUM VITAE

SAMUEL M. FACTOR

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EDUCATION

2020 (expected) 2015 <i>y</i>
2015
У
2014
2015
Spring, 2014
2013
2013
2010 – 2014
2014
2012 – 2014
2012 – 2014
2013 – Present
2013 – 2015
Fall 2015
2014 – 2015
gh
gh 2014 – 2015
2014 – 2015
2014 – 2015
2014 – 2015 2012 – 2014

Course Assistant COMP 112: Introduction to Programming, PHYS 215: Special Relativity **2012, 2013** Computer Science and Physics Departments, Wesleyan University, Middletown, CT

SAMUEL M. FACTOR PAGE 2

FUNDING

Travel to: 225th Meeting of the American Astronomical Society, Seattle, Washington, Student Travel Grant, CT Space Grant College Consortium, \$1,000, 1/2015

PUBLICATIONS

- J. M. Lee, **S. Factor**, Z. Lin, I. Vitebskiy, F. Ellis, T. Kottos, "Reconfigurable directional lasing modes in cavities with generalized PT" Symmetry," *Phys. Rev. Lett.*, vol 112, p. 253902, Jun 2014
- M. Chitsazi, **S. Factor**, J. Schindler, H. Ramezani, F. M. Ellis and T. Kottos, "Experimental observation of lasing shutdown via asymmetric gain," *Phys. Rev. A*, vol. 89, p. 043842, Apr 2014
- N. Bender, **S. Factor**, J. D. Bodyfelt, H. Ramezani, D. N. Christodulides, F. M Ellis, and T. Kottos, "Observation of asymmetric transport in structures with active nonlinearities," *Phys. Rev. Lett.*, vol. 110, p. 234101, June 2013

PRESENTATIONS

ALMA Observations of Molecular Gas Emission from a Protoplanetary Disk in the Orion Nebula Cluster (poster), Frank N. Bash Symposium, Oct 2015, Austin, TX

Characterizing a Young Protoplanetary Disk in the Orion Nebula Cluster (poster number 349.06), American Astronomical Society Meeting #225, Jan 2015, Seattle, WA

MEMBERSHIPS

Junior Member, American Astronomical Society

EXTRACURRICULAR ACTIVITIES

Volunteer Assistant Coach, Wesleyan University Men's Varsity Rowing	2015
Wesleyan University Men's Varsity Rowing	2010 – 2014
 Head of the Charles Men's Collegiate 8+, 5th place 	2013
 New England Rowing Championships Men's JV 8+, 3rd place 	2013, 2014
Assistant Coach, Camp Randall Rowing Club, Madison, WI	2011
Youth Paddling Instructor, Rutabaga Paddlesports Outdoor Programs, Madison, WI	2010 – 2011

PROGRAMMING LANGUAGES & SOFTWARE

Python, MIRIAD, CASA, Mathematica, LaTeX, Git, C, Ruby, Rails, Java, Visual Basic, SML, Agda