

NICHOLAS HOWELL

PERSONAL DATA

PLACE AND DATE OF BIRTH: United States — 5 December 1988
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EDUCATION

JUNE 2017 Doctorate of Philosophy in MATHEMATICS, **University of Oregon**
Eugene, OR USA
(expected) Thesis: “1-Motives of Log-smooth Degenerations” — Advisor: Prof. Vadim Vologodsky

MARCH 2013 Master of Science in MATHEMATICS, **University of Oregon**
Eugene, OR USA

MAY 2011 Bachelor of Science in MATHEMATICS and PHYSICS, **University of Minnesota**
Minneapolis, MN USA

MAY 2007 Associate of Arts, **Minnesota State University Moorhead**
Moorhead, MN USA

WORK EXPERIENCE

<i>Current</i>	UNIVERSITY OF OREGON, Eugene OR USA
SEP 2011	Graduate Teaching Fellow Developed and taught curricula for undergraduate algebra, trigonometry, calculus, and real analysis courses.
<i>Current</i>	LOS ALAMOS NATIONAL LABORATORY, Los Alamos NM USA
JUN 2011	Graduate Research Assistant Studied and designed software applying stochastic methods in climate modeling, ocean dynamics, and theoretical supercomputing performance.
SEP 2011	UNIVERSITY OF MINNESOTA, Minneapolis MN USA
JAN 2008	Research Assistant Research assistant in the lepton collider group School of Physics and Astronomy. Developed software to manage Monte Carlo farm and analyze physics from decays observed in the BES-III detector at the BEPC-II e^+e^- accelerator.

LANGUAGES

ENGLISH: Native
RUSSIAN: Basic Knowledge

INTERESTS

Topology of algebraic varieties, and topological methods in algebraic geometry, and their applications to theoretical physics.

REFERENCES

Nicholas ADDINGTON
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Vadim VOLOGODSKY
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