

# Almudena Colacito

Mathematisches Institut  
Universität Bern  
Alpeneggstrasse 22, 3012 Bern  
Switzerland

Phone: 0041 31 631 85 15  
Email: [almudena.colacito@math.unibe.ch](mailto:almudena.colacito@math.unibe.ch)  
Home: [www.almudenacolacito.altervista.org](http://www.almudenacolacito.altervista.org)

## Education

2016 – today **Ph.D., Mathematics.** Universität Bern

2014 – 2016 **M.Sc., Logic.** ILLC Universiteit van Amsterdam

Thesis Title: Minimal and Subminimal Logic of Negation

Supervisors: Prof. Dr. Dick de Jongh and Dr. Marta Bílková

Final grade: Cum Laude

2011 – 2014 **B.Sc., Mathematics.** Università degli Studi di Trento

Thesis Title: Automorfismi del Campo Complesso

Supervisor: Prof. Dr. Stefano Baratella

Final grade: 108/110

## Teaching

### Teaching Assistant

SS2017 **Mathematik II für Naturwissenschaften** Universität Bern

FS2016 **Universal Algebra** Universität Bern

SS2016 **Axiomatic Set Theory** Universiteit van Amsterdam

## Research Visits

January 2017 **La Trobe University, Melbourne.** Visiting Dr. Tomasz Kowalski.

## Publications

### Journals

- [1] Colacito, A., De Jongh, D., & Vargas, A. L. (2017). **Subminimal negation**. *Soft Computing*, 21(1):165–174, Special Issue In Memoriam Franco Montagna.

### Conference Proceedings

- [1] Colacito, A., & Metcalfe, G. (2017). **Proof theory and ordered groups**. In *International Workshop on Logic, Language, Information, and Computation*. Accepted.

### Thesis

- [1] Colacito, A. (2016). **Minimal and Subminimal Logic of Negation**. M.Sc. Thesis. ILLC Master of Logic Series MoL-2016-14, Universiteit van Amsterdam.

## Presentations

### Contributed Talks

- [1] *An Ordering Condition for Groups, Topology, Algebra, and Categories in Logic*, Charles University, Prague, June 2017.
- [2] *Ordered Groups and Proof Theory, Algebra and Coalgebra meet Proof Theory VIII*, University of Strathclyde, Glasgow, April 2017.
- [3] *Right Orders on Free Groups and the Word Problem for Free  $\ell$ -Groups*, 93rd Workshop on General Algebra, Bern, February 2017.
- [4] *A Sequent Calculus for Minimal and Subminimal Logic of Negation*, Syntax Meets Semantics SYSMICS 2016, Universitat de Barcelona, Barcelona, September 2016.

### Invited Talks

- [1] *Generalized Heyting Algebras with a Unary Operator*, International Workshop on Topological Methods in Logic, Ilia State University, Tbilisi, June 2016.

### Local Seminar Talks

- [1] *Ordering Theorems and Validity of Equations*, La Trobe University, Melbourne, February 2017.
- [2] *Subminimal Logics of Negation: a Sequent Calculus System*, Universität Bern, Bern, March 2016.
- [3] *Subminimal Logics of Negation*, Algebra|Coalgebra Seminar, Institute for Logic, Language and Computation, Amsterdam, March 2016.

## Honours and Awards

2017    **Premio AILA 3+2.** Prize for the best Master theses in Logic, awarded by the Italian Association for Logic and its Applications (AILA)

2015    **Premio di merito.** Merit Prize, awarded by the University of Trento on the basis of the overall B.Sc. results

## Other Activities

- Reviewer for **Soft Computing**.
- Member of the Organizing Committee, **93rd Workshop on General Algebra (AAA93)**, Bern, February 2017.
- Member of the Board, **Swiss Graduate Society for Logic and Philosophy of Science (SGSLPS)**.

## Professional Activities

today    **Head Assistant.** Mathematisches Institut, Universität Bern.

2015    **Student Mentor.** ILLC, Universiteit van Amsterdam.

2014    **Student Adviser.** Università degli Studi di Trento.

## Languages

Italian    Native

English    Fluent