

STEFANO TRACÀ

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EDUCATION

Massachusetts Institute of Technology (MIT), Cambridge, MA, USA Sept. 2017
Ph.D. student in Operations Research

Research topics: Machine Learning for Interpretable Models, Stochastic and Contextual Multi-Armed Bandit Problems. Advisor: Cynthia Rudin.

Collegio Carlo Alberto, Moncalieri, Italy 2012
Master Degree in Statistics and Applied Mathematics
Mentor: Igor Prünster.

University of Turin (Università degli Studi di Torino), Torino, Italy 2012
Master Degree in Mathematics
Dissertation: *Analytic Properties of Ornstein-Uhlenbeck processes with Jumps*.
Advisor: Enrico Priola. Final grade: 110/110

University of Turin (Università degli Studi di Torino), Torino, Italy 2009
Degree in Mathematics for Finance and Insurance
Dissertation: *Fractals and Brownian Motion in the Analysis of Financial Markets*.
Advisor: Luigia Caputo. Final grade: 110/110 cum laude

EXPERIENCE

Internet Initiative Japan, Tokyo, Japan 2016
Innovation Institute Lab Associate (internship)
Statistical methods for anomaly detection in syslog messages. Supervisor: Keiichi Shima.

The Walt Disney Company, Pittsburgh, PA, USA 2014
Behavioral Economics Lab Associate (internship)
Behavioral study on psychology of queuing. Supervisor: Maarten Bos.

Isaac Newton High School, Chivasso, Italy 2012
Teaching an introductory course in Financial Mathematics.

RESEARCH

Regulating Greed Over Time

S. Tracà and C. Rudin, INFORMS 2016 Data Mining Best Paper Award

On the Cauchy problem for non-local Ornstein-Uhlenbeck operators

S. Tracà and E. Priola, *Nonlinear Analysis: Theory, Methods & Applications*, 2015

Leaderboard Position Psychology: Counterfactual Thinking

E. Sun, B. Jones, S. Tracà, and M. W. Bos, *CHI EA 2015 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems*, 2015

Supersparse Linear Integer Models for Interpretable Classification

S. Tracà, B. Ustun, and C. Rudin

LANGUAGES

Italian (native), **English** (fluent), **German** (good, Fit in Deutsch 1 and 2, grades: 60/60, 76/80), **Japanese** (beginner, Kanji Kentei Level 10, grade: 148/150), **Latin** (good, five years of grammar and literature, final grade: 8/10)

COMPUTER SKILLS

Microsoft Office, R, Latex, C++, Matlab, Julia, Python

EXTRA CURRICULAR ACTIVITIES

Reviewer for: *Elsevier EJOR* (November 2015), *Thirtieth AAAI Conference* (October 2015), *International Conference on Data Mining 2015* (July 2015), *Twenty-Seventh AAAI Conference* (March 2013)

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| Online Learning Summer School, Copenhagen, Denmark | 2015 |
| Disney VoluntEAR, Pittsburgh, PA, USA | 2014 |
| Poll-clerk, Cavagnolo, Italy | 2006-11 |
| Counselor, Cooperative Society VITA, San Sebastiano da Po, Italy | 2005 |
| Master <i>Eureka</i> in learning and mnemonic techniques, Torino, Italy | 2004 |
| Counselor, Community Center, Cavagnolo, Italy | 2003-4 |

INTERESTS

Traveling, languages, art and analytic philosophy, MENSA member, playing squash and video games, writing for TV shows