Matteo Russo

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About

2026–Present	**Postdoctoral Researcher, Chair of Discrete Optimization, EPFL** Host: Prof. Friedrich Eisenbrand

Education

2022–2026	**Ph.D. in Data Science, Sapienza University of Rome** Advisor: Prof. Stefano Leonardi
2020–2022	**M.Sc. in Computer Science, ETH Zurich** Advisor: Prof. Stefano Leonardi & Dr. Paolo Penna
2016–2020	**B.Sc. in Computer Science, Princeton University**

Internships

Jul 2023–Nov 2023	**Research Intern, Meta UK** Host: Riccardo Colini-Baldeschi
Jun 2019–Aug 2019	**Machine Learning Intern, NASA Goddard Space Flight Center**
Feb 2019–May 2019	**Data Science Intern, King Street Capital Management**

Publications

▷ **A Learning Perspective on Random-Order Covering Problems**
with Anupam Gupta, Marco Molinaro
SOSA 2026   https://arxiv.org/abs/2511.07283

▷ **Contract Design Beyond Hidden Actions**
with Tomer Ezra, Stefano Leonardi
SODA 2026   https://arxiv.org/abs/2402.16553

▷ **Simple and Optimal Sublinear Algorithms for Mean Estimation**
with Beatrice Bertolotti, Chris Schwiegelshohn, Sudarshan Shyam
NeurIPS 2025   https://arxiv.org/abs/2406.05254

▷ **Online Learning in the Random Order Model**
with Andrea Celli, Riccardo Colini Baldeschi, Martino Bernasconi, Federico Fusco, Stefano Leonardi
ICML 2025   https://arxiv.org/abs/2510.02820

▷ **A Tight VC-Dimension Analysis of Clustering Coresets with Applications**
with Vincent Cohen-Addad, Andrew Draganov, David Saulpic, Chris Schwiegelshohn
SODA 2025   https://arxiv.org/abs/2501.06588

▷ **Online Learning with Sublinear Best-Action Queries**
with Andrea Celli, Riccardo Colini Baldeschi, Federico Fusco, Daniel Haimovich, Dima Karamshuk, Stefano Leonardi, Niek Tax
NeurIPS 2024   https://arxiv.org/abs/2407.16355

▷ **Universal Optimization for Non-Clairvoyant Subadditive Joint Replenishment**
with Tomer Ezra, Stefano Leonardi, Michał Pawłowski, William Seeun Umboh
APPROX 2024   https://arxiv.org/abs/2407.15809

▷ **Fair Division with Interdependent Values**
with Georgios Birmpas, Tomer Ezra, Stefano Leonardi
SAGT 2024   https://arxiv.org/abs/2305.14096

▷ **Low-Distortion Clustering with Ordinal and Limited Cardinal Information**
with Jakob Burkhardt, Ioannis Caragiannis, Karl Fehrs, Chris Schwiegelshohn, Sudarshan Shyam
AAAI 2024   https://arxiv.org/abs/2402.04035

▷ **Prophet Inequalities via the Expected Competitive Ratio**
with Tomer Ezra, Stefano Leonardi, Rebecca Reiffenhäuser, Alexandros Tsigonias-Dimitriadis
TEAC 2025; WINE 2024   https://arxiv.org/abs/2207.03361

▷ **Submodular Norms with Applications to Online Facility Location and Stochastic Probing**
with Kalen Patton, Sahil Singla
APPROX 2023   https://arxiv.org/abs/2310.04548

▷ **Fully Dynamic Online Selection through Online Contention Resolution Schemes**
with Vashist Avadhanula, Andrea Celli, Riccardo Colini-Baldeschi, Stefano Leonardi
AAAI 2023   https://arxiv.org/abs/2301.03099