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# Martino Borello

Associate Professor of Mathematics,

LAGA (Universités Paris 8 et Paris 13, CNRS)

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## Positions

University Paris 8 - LAGA (2016-present), Associate Professor.

École polytechnique fédérale de Lausanne (2014-2016), Postdoctoral Researcher.

## Education

(2014) Ph.D. in Mathematics (Advisor: Prof F. Dalla Volta and M. Sala), University of Milano-Bicocca

(2010) M.Sc. in Mathematics (Advisor: Prof M. Bertolini), University of Milan

(2008) B.A. in Mathematics, University of Milan

## Selected Service

Guest editor of a SI of *Advances in the Mathematics of Communications* (2021)

Responsible for the 2nd year of the Bachelor of Mathematics (Paris 8)

Programme/Organising Committee Member for events and workshops:

WCC 2019, IWSDA 2021, Fq15

(2017-present) Organiser - Discrete Mathematics, Codes and Cryptography seminar (Paris 8)

## Selected Funding/Awards

(2020) €2850 AAP Paris 8

(2019) €760 AAP Paris 8

(2018) €1800 AAP Paris 8

(2018) €2500 PEPS CNRS

(2017) €3500 PEPS CNRS

## Recent Publications

1. M. Borello and W. Willems, *Group codes over fields are asymptotically good*, Finite Fields and Their Applications 68: 101738 (2020)
2. G.N. Alfarano, M. Borello and A. Neri, *A geometric characterization of minimal codes and their asymptotic performance*, Advances in Mathematics of Communications (2020)
3. M. Borello, J. de la Cruz and W. Willems, *A Note on Linear Complementary Pairs of Group Codes*, Discrete Mathematics 343(8) (2020)
4. M. Bonini and M. Borello, *Minimal linear codes arising from blocking sets*, Journal of Algebraic Combinatorics (2020)
5. M. Borello, P. Moree and P. Solé, *Asymptotic performance of metacyclic codes*, Discrete Mathematics 343(7) (2020)