

GIANIRA NICOLETTA ALFARANO

University College Dublin, School of Mathematics and Statistics

gianira.alfarano@ucd.ie

PERSONAL INFORMATION

Birthplace Noci (Bari), Italy

Birthdate 01/11/1993

Citizenship Italian

Webpage <https://user.math.uzh.ch/alfarano/>

ORCID <https://orcid.org/0000-0002-7463-6365>

ArXiv ID <https://arxiv.org/a/0000-0002-7463-6365>

Researchgate https://www.researchgate.net/profile/Gianira_Alfarano

RESEARCH INTERESTS

Algebraic coding theory, combinatorics, finite geometry, matroid theory, distributed storage, cryptography.

EDUCATION

University of Zurich, Switzerland

2018–2022

Department of Mathematics

Ph.D. student in Applied Algebra

Thesis title: “Algebraic, Combinatorial and Geometric Aspects of Some Error-Correcting Codes”

Advisor: Prof. Dr. Joachim Rosenthal

Università degli Studi di Trento, Italy

2015–2017

Master of Mathematics - Curriculum Coding Theory and Cryptography

Master degree in Mathematics *Grade: 110/110 cum Laude*

Thesis title: “The Diffusion Property of some Mixing-Layers”

Università del Salento, Lecce, Italy

2012–2015

Bachelor of Mathematics

Bachelor degree in Mathematics *Grade: 110/110 cum Laude*

Thesis title: “The classical unital”

Liceo Scientifico “Leonardo da Vinci”, Noci, Italy

2007–2012

High school

High school diploma *Grade: 100/100 cum Laude*

POSITIONS HELD

Postdoctoral Researcher

October 2024–

Vrije Universiteit Brussel (VUB), Belgium.

Postdoctoral Researcher

October 2023–September 2024

University College Dublin (UCD), Ireland.

Postdoctoral Researcher

October 2022–September 2023

Eindhoven University of Technology (Tu/e), The Netherlands.

Teaching Assistant/Ph.D. student

April 2018–September 2022

University of Zurich

Advisor: Prof. Dr. Joachim Rosenthal

Research Internship

February–June 2017

Topic: Symmetric Cryptography

HORST GÖRTZ INSTITUTE FOR IT-SECURITY (HGI),

Ruhr Universität

Bochum, Germany

AWARDS AND GRANTS

Basic Science (IBS), Daejeon, South Korea

August 2024

Invitation to participate to the workshop

“2024 Workshop on (Mostly) Matroids”

All expenses covered, including travel.

FWO Junior Postdoctoral Fellowship

October 2024 – September 2027

Funded by Research Foundation - Flanders (FWO)

amount: **200'000 EUR**

Postdoc.Mobility Fellowship

October 2022 – September 2024

Funded by Swiss National Science Foundation

Grant number 210966.

amount: **106'600 CHF**

The Applications of Computer Algebra Early Researcher Award 2022

August 2022

<https://math.unm.edu/ACA/ACA-ERA/Overview.html>

amount: **591 EUR**

Best presentation award

July 2022

for the talk “The geometry of minimal codes”, given in the virtual summer school

“Contemporary Algebraic and Geometric Techniques in Coding Theory and Cryptography”,

Università degli Studi della Campania, Luigi Vanvitelli.

amount: **500 EUR**

UZH Alumni grant

February 2022

Additional grant for the organization of the Summer School

“ACT 22: Algebraic Coding Theory”

amount: **2'500 CHF**

Ph.D Mobility Fellowship

February–August 2021

Financial support from the Swiss National Science Foundation

for 6-months scientific visit

University College Dublin, Ireland.

amount **12'000 CHF**

Grant GRC 2019_Q3_G_003

October 2020

Grant for the organization of the Summer School

“ACT 22: Algebraic Coding Theory”

amount: **9'000 CHF**

VAUZ

2020

Additional grant for the organization of the Summer School

“ACT 21: Algebraic Coding Theory”

amount **1'000 CHF**

Financed through the Swiss National Science Foundation

grant no. 188430
P.I. Prof. J. Rosenthal

September 2019 – June 2022

Oberwolfach Leibniz Graduate Student (OWLG)
grant to participate to the
Oberwolfach Workshop 1912, Contemporary Coding Theory
Oberwolfach, Germany.

March 2019

Schloss Dagstuhl - Leibniz Center for Informatics
Invitation to participate to the seminar
“Algebraic Coding Theory for Networks, Storage, and Security” (18511), Germany.

December 2018

OTHER AWARDS

Travel Grant (registration fee and accommodation) 19 February- 25 February 2023
Financial support for “Alcocrypt 2023” from the local committee, CIRM, Marseille, France.

Travel Grant (registration fee) 15 August- 19 August 2022
Partial financial support for “ACA 2022” from the local committee, in Istanbul, Turkey.

Travel Grant: 500 euros 26 June- 1 July 2022
Partial financial support for “ISIT 2022” from the local committee, in Espoo, Finland.

Travel Grant (registration fee) 30 May- 3 June 2022
Partial financial support for “Combinatorics 2022” from the local committee, in Mantua, Italy.

ACADEMIC VISITS

Invited researcher at University of Bielefeld, Germany, 26-30 May 2024.

Invited researcher at University of Zurich, Switzerland, 20-31 August 2023.

Invited researcher at University of Zurich, Switzerland, 6-9 December, 2022.

Invited researcher at University of Paris VIII, France, November 23-December 5, 2022.

Invited researcher at University of Paris VIII, France, 5-18 September 2021.

Invited researcher at the Max Planck Institute for Mathematics in the Sciences (MiS) in Leipzig, Germany, July-August 2021.

Researcher at University College Dublin, Ireland, February–August 2021

Invited researcher at the Max Planck Institute for Mathematics in the Sciences (MiS) in Leipzig, Germany, 21-23 September 2020.

Invited researcher at the Universidad de Alicante, Alicante, Spain, May-June 2019.

Research internship at HORST GÖRTZ INSTITUTE FOR IT-SECURITY (HGI), Ruhr Universität, Bochum, Germany, February-June 2017

PUBLICATIONS IN PEER-REVIEWED JOURNALS

16. **G. N. Alfarano**, A. Neri, F.Zullo. Maximum Flag-Rank Distance Codes. *to appear in Journal of Combinatorial Theory, Series A*, **2024**.
arXiv version, <https://arxiv.org/abs/2303.16653>

15. **G. N. Alfarano**, A. B. Kılıç, A. Ravagnani, E. Soljanin. The Service Rate Region Polytope. *to appear in SIAM Journal on Applied Algebraic Geometry*, **2024**.
arXiv version, <https://arxiv.org/abs/2303.04021>
14. **G. N. Alfarano**, E. Byrne. The Cyclic Flats of a q -Matroid. *Journal of Algebraic Combinatorics*, **2024**.
DOI: 10.1007/s10801-024-01321-2
13. **G. N. Alfarano**, M. Borello, A. Neri. Outer Strong Blocking Sets. *The Electronic Journal of Combinatorics*, **2024**.
DOI: 10.37236/12046
12. **G. N. Alfarano**, A. B. Kılıç, A. Ravagnani. Service Aspects of LRC and Batch Codes. *IEEE BITS the Information Theory Magazine*, **2024**.
DOI: 10.1109/MBITS.2023.3345806
11. **G. N. Alfarano**, D. Napp, A. Neri, and V. Requena. Weighted Reed-Solomon Convolutional Codes. *Linear and Multilinear Algebra*, **2022**.
DOI: 10.1080/03081087.2023.2169232
10. **G. N. Alfarano**, M. Borello, A. Neri, and A. Ravagnani. Linear Cutting Blocking Sets and Minimal Codes in the Rank Metric. *Journal of Combinatorial Theory, Series A*, **2022**.
DOI: 10.1016/j.jcta.2022.105658
9. **G. N. Alfarano**, A. Gruica, J. Lieb, J. Rosenthal. Convolutional codes over finite chain rings, MDP codes and their characterization. *Advances in Mathematics of Communications*, **2022**.
DOI: 10.3934/amc.2022028
8. **G. N. Alfarano**, F.J. Lobillo, A. Neri, A. Wachter-Zeh. Sum-rank product codes and bounds on the minimum distance. *Finite Fields and their Applications*, **2022**.
DOI: 10.1016/j.ffa.2022.102013
7. **G. N. Alfarano**, M. Borello, A. Neri, and A. Ravagnani. Three Combinatorial Perspectives on Minimal Codes. *Siam Journal on Discrete Mathematics*, **2021**.
DOI: 10.1137/21M1391493
6. **G. N. Alfarano**, J. Lieb, J. Rosenthal. Construction of LDPC convolutional codes via difference triangle sets. *Designs, Codes and Cryptography*, **2021**.
DOI: 10.1007/s10623-021-00912-5
5. **G. N. Alfarano**, K. Khathuria, V. Weger. A survey on single server private information retrieval in a coding theory perspective. *Applicable algebra in engineering communication and computing*, **2021**.
DOI: 10.1007/s00200-021-00508-5
4. **G. N. Alfarano**, F.J. Lobillo, and A. Neri. Roos bound for skew cyclic codes in Hamming and rank metric. *Finite Fields and Their Applications*, 69: 101772, **2021**.
DOI: 10.1016/j.ffa.2020.101772
3. **G. N. Alfarano** and J. Lieb. On the left primeness of some polynomial matrices with applications to convolutional codes. *Journal of Algebra and its applications*, **2020**.
DOI: 10.1142/S0219498821502078
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**.
DOI: 10.3934/amc.2020104

1. **G. N. Alfarano**, C. Beierle, T. Isobe, S. Kölbl, G. Leander. ShiftRows Alternatives for AES-like Ciphers and Optimal Cell Permutations for Midori and Skinny. *IACR Transactions of Symmetric Cryptology*. 2018(2): 20-47, **2018**.
DOI: 10.13154/tosc.v2018.i2.20-47

REFEREED CONFERENCE PROCEEDINGS

2. **G. N. Alfarano**, A. Ravagnani, E. Soljanin. Dual-Code Bounds on Multiple Concurrent (Local) Data Recovery. *2022 IEEE International Symposium on Information Theory (ISIT)*, **2022**.
DOI: 10.1109/ISIT50566.2022.9834616.
1. **G. N. Alfarano**, J. Lieb, and J. Rosenthal. Construction of Rate $(n - 1)/n$ Non-Binary LDPC Convolutional Codes via Difference Triangle Sets. *2020 IEEE International Symposium on Information Theory (ISIT)*, **2020**.
DOI: 10.1109/ISIT44484.2020.9174510.

PREPRINTS

3. A. Abiad, **G. N. Alfarano**, A. Ravagnani. Eigenvalue bounds and alternating rank-metric codes. *submitted*, **2024**.
2. **G. N. Alfarano**, E. Byrne. The Critical Theorem for q -Polymatroids. *submitted*, **2023**.
arXiv version, <https://arxiv.org/abs/2305.07567>
1. **G. N. Alfarano**, K. Khathuria, and S. Tinani. On Cyclic Matroids and their Applications. *submitted*, **2021**.
arXiv version, <https://arxiv.org/abs/2107.14214>

INVITED TALKS

27. **Constant Dimension Subspace Codes in Schubert Varieties** July 2024
2nd AMS-UMI International Joint Meeting.
Special Session: Algebraic Coding Theory.
Palermo, Italy.
26. **Representability of q -matroid products and linear sets** May 2024
DOCTOR: Delightful Occasion for Combinatorial Talks on Outstanding Research
Vrije Universiteit Brussel
25. **Representability of q -matroid products and linear sets** May 2024
Research Seminar
Bielefeld University
24. **An Overview on Algebraic Coding Theory** May 2024
Workshop Women in Mathematics
Ghent University
23. **An Overview on Minimal Codes and Strong Blocking Sets** March 2024
ACCESS Seminars (online)
22. **The Critical Theorem for Rank-Metric Codes** February 2024
OpeRa 2024 - Caserta Open Problems on Rank-Metric Codes.
Università degli studi della Campania, Luigi Vanvitelli.
21. **The Geometry of Minimal Codes** January 2024
Gomtrie et algre effectives.
Institut de recherche mathmatique de Rennes, France.

20. **Rank-metric codes, q -matroids, and independent spaces** December 2023
International Conference on Algebraic Geometry, Coding Theory and Combinatorics - In honour of Sudhir Ghorpades 60th birthday
IIT Hyderabad (India)
19. **The Service Rate Region Polytope** November 2023
Colloquium on Coding Theory.
Ghent University, Belgium.
18. **The Geometry of Minimal Codes** October 2023
Algebra and Number Theory Seminars.
University College Dublin, Ireland.
17. **The Geometry of Minimal Codes** September 2023
Annual Conference on Cryptography and Coding Theory - gruppo UMI.
University of Perugia Italy.
16. **Minimal Codes and Strong Blocking Sets** July 2023
SIAM Conference on Applied Algebraic Geometry (AG23).
Special Session: Coding Theory and Galois Geometries.
Eindhoven, The Netherlands.
15. **Maximum Flag Rank Distance Codes** July 2023
29th Nordic Congress of Mathematicians with EMS.
Special Session: Algebraic Coding Theory and Cryptography.
Aalborg, Denmark.
14. **Rank-Metric Codes and q -Matroids** April 2023
University of Groningen, The Netherlands.
13. **Matroidal Approach to Coding Theory** December 2022
University of Zurich, Switzerland.
12. **Critical Problem for q -Polymatroids** December 2022
University of Paris VIII, France.
11. **Critical Problem, q -Polymatroids and Rank-Metric Codes** August 2022
ACA 2022, Session “Algebraic and Geometric Methods in Coding Theory”, Istanbul, Turkey.
10. **q -Analogues of matroids and codes** Apr 2022
Max Planck Institute for Mathematics in the Sciences, Leipzig, Germany.
9. **(Linear) cutting blocking sets and minimality of codes** October 2021
Sabancı Algebra Seminar, Turkey
8. **(Linear) cutting blocking sets and their codes** September 2021
PICS, Postgraduate International Coding theory Seminar.
7. **Bounds on the distance of skew cyclic codes** September 2021
Seminar Discrete Mathematics, Codes and Cryptography - University of Paris 8.
6. **A geometric interpretation of minimal code** May 2021
De Cifris, Schola Latina Seminars.
5. **Geometric aspects of minimal linear code** March 2021
Maths Postgraduate Seminar Series, University College Dublin.
4. **The geometry of minimal linear codes** March 2021
eSeminar UGent-VUB.

3. **What is...a convolutional code?** December 2019
Zurich Graduate Colloquium, Zurich, Switzerland.
2. **σ -Quasicyclic and Projective Convolutional Codes** June 2019
University of Alicante, Alicante, Spain.
1. **An introduction to Convolutional Codes** June 2018
Research Seminars, University of Trento, Trento, Italy.

OTHER TALKS

11. **Free product of q -matroids and clubs on the projective line.** June 2024
Combinatorics 2024, Carovigno, Italy.
10. **Minimal Codes and Strong Blocking Sets** July 2023
International Conference on Finite Fields and Their Applications 2023 (Fq15).
Paris, France.
9. **Weighted Reed-Solomon Convolutional Codes** June 2023
Workshop on Convolutional Codes.
Zurich, Switzerland.
8. **Cyclic Spaces, q -Matroids and Rank-Metric Codes** January 2023
Dutch-Belgian discrete math seminar
Ghent University, Ghent (Belgium).
7. **q -Matroids and rank-metric codes** August 2022
ACA 2022, Session “ q -analogues in combinatorics: matroids, designs and codes”, Istanbul, Turkey.
6. **The geometry of minimal codes** July 2022
“Contemporary Algebraic and Geometric Techniques in Coding Theory and Cryptography”,
(virtual summer school) Università degli Studi della Campania, Luigi Vanvitelli.
5. **Dual-Code Bounds on Multiple Concurrent (Local) Data Recovery** June 2022
IEEE International Symposium on Information Theory (ISIT), Aalto University, Espoo, Finland.
4. **q -Matroids and rank-metric codes** June 2022
Combinatorics 2022, Mantua, Italy.
3. **Roos-like bound for skew-cyclic codes in Hamming and (sum-)rank metric** September 2021
First Annual Conference: Cryptography and Coding Theory.
2. **Construction of Rate $(n-1)/n$ Non-Binary LDPC Convolutional Codes via Difference Triangle Sets** June 2020
IEEE International Symposium on Information Theory (ISIT), Los Angeles, California, (virtual conference).
1. **New Algebraic Construction of MDP Convolutional Codes** December 2019
Arbeitsgemeinschaft in Codierungstheorie und Kryptographie, University of Neuchatel, Switzerland.

OTHER ACTIVITIES

- Lecturer at the CIMPA School Finite Geometry and Coding Theory**
for the course “Algebraic Curves over Finite Fields”, 4 hours. November 2023
Sangareddy, India.

Tutor at the CIMPA School Finite Geometry and Coding Theory

for the courses “Algebraic Curves over Finite Fields” (2 hours) and
“Lattices and Codes” (2 hours)
Sangareddy, India.

November 2023

“Matematica per la crittografia”

Laboratory of Cryptography for High School Students, 6 hours, in italian.
Liceo Scientifico, Leonardo da Vinci, Noci, Italy.

May-June 2021

TEACHING EXPERIENCE

Lecturer and Organizer

MAT011 Matroids theory
University of Zurich, Switzerland

February 2022–June 2022

Teaching Assistant

University of Zurich, Switzerland

Duties: frontal lectures, exercise classes,
preparation and correction of exams and homeworks.

April 2018–August 2022

MAT476 Finite Fields, Theory and Applications (Fall 2020)

MAT512 Elliptic curves (Spring 2018, Spring 2020)

MAT001 Kryptographie (Fall 2019)

MAT005 Codierungstheorie (Spring 2019)

MAT211 Algebra (Fall 2018)

Tutor and Teaching Assistant

University of Trento, Italy

Duties: frontal lectures, exercise classes.

Analisi Matematica I

March 2015–December 2017

MENTORING EXPERIENCE

Master student co-supervised: B. Toesca di Castellazzo

University of Zurich, Switzerland

jointly with Prof. Dr. J. Rosenthal

Thesis title: “Maximal Partial Spreads in Schubert Varieties”

May 2022 - June 2023

Master student co-supervised: S. La Rosa

University of Zurich, Switzerland

jointly with Prof. Dr. J. Rosenthal

Thesis title: “Minimal Codes and Secret Sharing Schemes”

October 2021 - current

Master student co-supervised: N. Zürcher

University of Zurich, Switzerland

jointly with Prof. Dr. J. Rosenthal

Thesis title: “On the Intractability of Maximum-Likelihood Decoding
for Reed–Solomon Self-Dual Codes”

September 2019 - August 2020

Master student co-supervised: A. Gruica

August 2019 - April 2020

University of Zurich, Switzerland
jointly with Prof. Dr. J. Rosenthal
Thesis title: “MDP Convolutional Codes over $\mathbb{Z}/p^r\mathbb{Z}$ ”

MEMBERSHIPS IN BOARDS AND INDIVIDUAL REVIEWING ACTIVITIES

Evaluator for PhD dissertations:

- Sam Adriaensen, Vrije Universiteit Brussel, Belgium May 2024

Reviewer for the following scientific journals:

Sep 2018 – current

“Advances in Mathematics of Communication”, “IEEE Transactions on Information Theory”, “Finite Fields and their Applications”, “Designs Codes and Cryptography”, “Discrete Mathematics”, “Journal of Algebra and its Applications”, “Cryptography and Communications”, “IEEE Communication Letters”, “The Ramanujan Journal”, “The Electronic Journal of Combinatorics”.

Reviewer for the following conferences:

Sep 2019 – current

“IEEE ISIT”, “IEEE ISTC”

ORGANIZATIONAL AND PROFESSIONAL EXPERIENCE

Co-organizer of “Workshop on Convolutional Codes” June 5 – 9, 2023

University of Zurich, Switzerland.

Link: <https://www.math.uzh.ch/convolutionalcodes>

Co-organizer of the Session “Network Coding” for the conference “25th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2022)” September 12-16, 2022

Bayreuth, Germany.

Link: <https://www.mtns2022.uni-bayreuth.de/en/index.html>

Co-organizer of the Session “ q -analogues in combinatorics” for the conference “ACA 2022 - Applications of Computer Algebra” August 15 – 19, 2022

Istanbul-Gebze, Turkey

Link: <https://sites.google.com/view/michela-ceria-home-page/aca-2022-q-mat>

Co-organizer of the events “Female in math get-togethers” October 2021–August 2022

University of Zurich and ETH Zurich

Co-organizer of the seminars “Zurich Graduate Colloquium” February 2021–August 2022

Zurich Graduate School in Mathematics

Co-organizer of “ACT 21: Algebraic Coding Theory e-Summer School” June 7 – 11, 2021

University of Zurich, Switzerland

Link: <https://www.math.uzh.ch/act/>

Co-organizer of “ACT 22: Algebraic Coding Theory Summer School” July 4 – 8, 2022

University of Zurich, Switzerland

Link: <https://www.math.uzh.ch/act/>

Co-organizer of “Coding Theory and Cryptography,

A conference in honor of

Joachim Rosenthal’s 60th birthday” July 11 – 15, 2022

University of Zurich, Switzerland

Link: <https://www.math.uzh.ch/aa/index.php?id=32>

MEMBERSHIPS

Member of De Componendis Cifris	January 2024 – current
Member of the Unione Matematica Italiana (UMI)	Jan 2024 – current
Member of European Women in Mathematics	Jan 2024 – current
Member of the European Mathematical Society (EMS)	June 2023 – current

WORKSHOPS AND CONFERENCES ATTENDED

2024 Workshop on (Mostly) Matroids <i>Workshop</i> Daejeon, South Korea.	August 2024
2nd AMS-UMI International Joint Meeting 2024 <i>Conference</i> Palermo, Italy.	July 2024
Combinatorics 2024 <i>Conference</i> Mantua, Italy.	June 2024
DOCTOR: Delightful Occasion for Combinatorial Talks on Outstanding Research <i>Colloquium</i> Brussels, Belgium.	May 2024
International Conference on Algebraic Geometry, Coding Theory and Combinatorics - In honour of Sudhir Ghorpades 60th birthday Hyderabad, India.	December 2023
Coding Theory Colloquium Ghent, Belgium.	November 2023
Annual Congress on “Cryptography and Coding Theory” Perugia, Italy.	September 2023
Summer School: “Finite Geometry and Friends” Vrije Universiteit Brussel, Belgium.	September 2023
Academy Contact Forum “Coding Theory and Cryptography IX”, Royal Flemish Academy of Belgium for Science and the Arts Brussel, Belgium.	September 2023
SIAM Conference on Applied Algebraic Geometry (AG23) Eindhoven, The Netherlands.	July 2023
29th Nordic Congress of Mathematicians with EMS Aalborg, Denmark.	July 2023
International Conference on Finite Fields and Their Applications 2023 (Fq15) Paris, France.	June 2023
Workshop on Convolutional Codes Zurich, Switzerland.	June 2023

Alcocrypt: Algebraic and Combinatorial Methods for Coding and Cryptograph February 2023
CIRM, Luminy, Marseille, France.

25th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2022) September 2022
Bayreuth, Germany.

Finite Geometries 2022, Sixth Irsee Conference August-September 2022
Conference
Irsee Monastery, Germany.

ACA 2022, Applications of Computer Algebra August 2022
Conference
Istanbul, Turkey.

Summer School: “Contemporary Algebraic and Geometric Techniques in Coding Theory and Cryptography” July 2022
virtual summer school
University of Campania, Luigi Vanvitelli.

**Coding theory and cryptography:
A conference in honor of Joachim Rosenthal’s 60th birthday** July 2022
Conference
Zurich, Switzerland

Summer School: “ACT 22: Algebraic Coding Theory (ACT)” July 2022
Zurich, Switzerland

IEEE International Symposium on Information Theory (ISIT) 2022 June 2022
Aalto University, Espoo, Finland.

Combinatorics 2022 May-June 2022
Conference
Mantua, Italy

Summer School: “ACT 20: Algebraic Coding Theory (ACT)” June 2021
virtual summer school
Zurich, Switzerland

International Workshop on the Arithmetic of Finite Fields (WAIFI) 2020 July 2020
virtual conference
Rennes, France.

IEEE International Symposium on Information Theory (ISIT) 2020 June 2020
virtual conference
Los Angeles, California, USA

Munich Workshop on Coding and Cryptography 2019 July 2019
Technische Universität München, Germany

SIAM Conference on Applied Algebraic Geometry July 2019

Bern, Switzerland

Summer School: “Finite Geometry & Friends”

June 2019

Vrije Universiteit Brussel, Belgium

Oberwolfach Workshop 1912

March 2019

Contemporary Coding Theory

Germany

Dagstuhl Seminar 18511

December 2018

Algebraic Coding Theory for Networks, Storage, and Security

Germany

CIMPA Research School and Workshop

August–September 2018

Quasi-Cyclic and Related Algebraic Codes

Ankara, Turkey

**Summer School: Number theory and coding theory,
contemporary applications in security**

May–June 2018

Turku, Finland

Munich Workshop on Coding and Cryptography 2018

April 2018

Technische Universität München, Germany

REFERENCES

- Prof. Joachim Rosenthal, University of Zurich, rosenthal@math.uzh.ch
- Prof. Eimear Byrne, University College Dublin, ebyrne@ucd.ie
- Prof. Martino Borello, Université Paris 8, martino.borello@univ-paris8.fr