

Talks in the period 01.01.2019-31.12.2019

1. Hinrichs A.: *Random sections of ellipsoids and the power of random information*, 28.02.2019, Invited talk, Workshop of challenges in optimal recovery and hyperbolic cross approximation, Newton institute Cambridge, UK.
2. Grabner P.: *Hyperuniformity on the sphere*, 01.03.2019, Workshop on Local Statistics of Point Sequences, Linz, Austria.
3. Etayo U.: *Distribuyendo balones... en varias dimensiones*, Feb. 2019, talk in the 4th International Day of Women and Girls in Science, Universidad de Cantabria, Spain.
4. Etayo U.: *Puntos bien distribuidos en esferas: desde la ley de Coulomb hasta el condicionamiento de polinomios*, seminario IMUVA, Mar. 2019, Universidad de Valladolid, Spain.
5. Stepaniuk T.: *Hyperuniform point sets on the flat tori*, 19.3.2019, AMMODIT Conference "Mathematics for Life Sciences". Kyiv, Ukraine.
6. Stepaniuk T.: *Comparison of probabilistic and deterministic point sets on the sphere*, 22.3.2019, Invited talk, Research seminar of the Department of the Theory of Functions, Institute of Mathematics, National Academy of Science, Kyiv, Ukraine.
7. Saad Eddin S.: *The Laurent-Stieltjes constants of Dirichlet L-series*, Conference on distribution of values of zeta functions and L-functions, 22-26 March 2019, RIKEN, Wako, Japan.
8. Stepaniuk T.: *Hyperuniform point sets on the flat tori: deterministic and probabilistic aspects*, 09.04.2019, Optimal Point Configurations and Potential Theory, Castro Urdiales, Spain.
9. Ferizovic D.: *Lower Bound of the Discrete Green Energy – Elkies Lemma*, 10.04.2019, Optimal Point Configurations and Potential Theory, Castro Urdiales, Spain.
10. Saad Eddin S.: *New results on the evaluation of the values of Dirichlet L-functions on the line of 1*, 11.04.2019, The fifth Mini Symposium of the Roman Number Theory Association, Roma Tre Università, Rome, Italy.
11. Hinrichs A.: *Random sections of ellipsoids and the power random information*, 15.04.2019, Invited talk, IBC, Paris.
12. Krieg D.: *How good are random sampling point?*, 15.04.2019, Workshop Stochastic Computation and Complexity, Paris, France.
13. Pillichshammer F.: *SFB: Quasi-Monte Carlo Methods: Theory and Applications*, 10.05.2019, Presentation at the public event: Mathematik Spitzenforschung an der JKU, JKU, Linz, Austria.
14. Wiart J.: *An unexpected appearance of the shift*, 10.05.2019. Invited talk, Analysis Seminar, Department of Pure Mathematics, University of Waterloo, Waterloo, Canada.
15. Grabner P.: *Fourier Eigenfunctions and Modular Forms*, 11.05.2019, Shanks workshop on Energy, Packing, and Covering, Nashville, TN.
16. Etayo U.: *Distributing points in spheres*, June 2019, Workshop for Young Researchers in Mathematics, Faculty of Mathematics and Computer Science of the University of Bucharest, Romania.
17. Desmettre S.: *Rough Volatility Modeling and Portfolio Optimization*, 03.06.2019, Auswahlverfahren „Versicherungsmathematik und mathematische Modellierung in den Wirtschaftswissenschaften“, JKU Linz, Austria.
18. Grabner P.: *Distributing many points on spheres*, 05.06.2019, Mathematisches Kolloquium, Fakultät für Mathematik, Universität Wien, Austria.

19. Osisiogu O.: *The construction of good rank-1 lattice point sets*, 12.06.2019. Invited talk, Seminar of the Numerical Analysis Unit, Department of Computer Science, KU Leuven, Belgium.
20. Hinrichs A.: *How good is random information compared to optimal information*, 21.06.2019, Invited talk, Workshop on approximation, sampling, and compression in high dimensional problems, Newton Institute Cambridge, UK.
21. Etayo U.: *A sequence of polynomials with optimal condition number*, July 2019, SIAM conference on Applied Algebraic Geometry, University of Bern, Switzerland.
22. Etayo U.: *The Diamond ensemble: a well distributed family of points on S^2* , July 2019, 13th International Conference on Sampling Theory and Applications, University of Bordeaux, France.
23. Saad Eddin S.: *Chebyshev's bias for products of two proportional primes*, 04.07.2019, Arithmetik an der A7, Ulm University, Germany.
24. Kritzer, P.: *Construction algorithms for (polynomial) lattice points*, 09.07.2019, Invited Talk, 12th international Conference on Monte Carlo Methods and Applications 2019, Sydney, Australia.
25. Krieg D.: *The power of random information*, 09.07.2019, 12th international Conference on Monte Carlo Methods and Applications 2019, Sydney, Australia.
26. Stepaniuk, T.: *Hyperuniform point sets on flat tori*, 12.07.2019, MCM 2019, Sydney, Australia.
27. Wiart, J.: *On the dependence structure of scrambled (t,m,s) -nets*, 12.07.2019, MCM 2019, Sydney, Australia.
28. Stepaniuk, T.: *Hyperuniformity on flat tori*, 16.07.2019, ICIAM 2019, Valencia, Spain.
29. Kritzer, P.: *Improved search algorithms for good lattice points*, 16.07.2019, ICIAM 2019, Valencia, Spain.
30. Krieg D.: *How good are random sampling points?*, 17.07.2019, 9th international Congress on industrial and applied mathematics, Valencia, Spain.
31. Stepaniuk T.: *Hyperuniform point configurations on flat tori*, 25.07.2019, 15th International Symposium on Orthogonal Polynomials, Special Functions and Applications (OPSFA), Hagenberg, Austria.
32. Saad Eddin S.: *Prime Number Theorem: 100 years of history and introducing RSA-Integers*, 29.07.2019, Invited Talk, Summer School "Cryptography meets Graph Theory", Würzburg University, Germany.
33. Saad Eddin S.: *On asymptotic behaviour of RSA-integers*, 31.07.2019, Invited Talk, Summer School "Cryptography meets Graph Theory", Würzburg University, Germany.
34. Saad Eddin S.: *A precise asymptotic formula of the counting function of RSA-integers*, 31.07.2019, Invited Talk, Summer School "Cryptography meets Graph Theory", Würzburg University, Germany.
35. Etayo U.: *On perfect quadrature formulas*, Complexity of numerical computation (a conference in honor of Felipe Cucker), Aug. 2019, Berlin-Brandenburgische Akademie der Wissenschaften, Germany.
36. Saad Eddin S.: *On Chebyshev's Bias*, 02.08.2019, Invited Talk, Summer School "Cryptography meets Graph Theory", Würzburg University, Germany.
37. Kritzer P.: *Exponential tractability of linear tensor product problems*, 19.08.2019, Dagstuhl Seminar on Algorithms and Complexity for Continuous Problems, Dagstuhl, Germany.
38. Pillichshammer F.: *Tractability properties of discrepancy*, 19.08.2019, Dagstuhl Seminar on Algorithms and Complexity for Continuous Problems, Dagstuhl, Germany.

39. Krieg D.: *How good are random sampling points?*, 20.08.2019, Algorithms and Complexity for continuous problems, Schloß Dagstuhl, Germany.
40. Krieg D.: *L_2 -Approximation in Hilbert spaces* (2 talks), 26-27.08.2019, Summer school on Analysis and Theoretical Numerics, Siegmundsburg, Germany.
41. Larcher G.: *On Pair Correlation of sequences*, Baikal Number Theory Conference, 26-30.08.2019, Russland.
42. Breneis S.: *Fibonacci lattices have minimal dispersion on the two-dimensional torus*, 27.08.2019, Siegmundsburg Seminar on Analysis and theoretical numerics, Siegmundsburg, Germany.
43. Hinrichs A.: *How good is random information?*, 04.09.2019, Keynote Speaker, 2nd conference on combinatorial structures in Geometry, Osnabrück.
44. Pillichshammer F.: *Tractability Properties of Discrepancy*, 09.09.2019, 8th Workshop on High Dimensional Approximation HAD 2019, ETH Zürich, Switzerland.
45. Osiogi O.: *A modified fast component-by-component construction of rank-1 lattice points in weighted spaces*, 09.09.2019, 8th Workshop on High-Dimensional Approximation HDA 2019, ETH Zürich, Switzerland.
46. Kritzer P.: *Adaptive approximation on cones*, 11.09.2019, 8th Workshop on High-Dimensional Approximation HDA 2019, ETH Zürich, Switzerland.
47. Wiart J.: *On the dependence structure of scrambled (t,m,s) -nets*, 11.09.2019, 8th Workshop on High-Dimensional Approximation HDA 2019, ETH Zürich, Switzerland.
48. Stepaniuk T.: *Deterministic and probabilistic point sets on the unit sphere*, 13.09.2019, 8th Workshop on High-Dimensional Approximation HDA 2019, ETH Zürich, Switzerland.
49. Desmettre S.: *Severity Modeling of Extreme Insurance Claims for Tariffication*, 17.09.2019, Invited Talk, ÖMG Konferenz 2019, FH Voralberg, Dornbirn, Austria.
50. Leobacher, G.: *Necessary and sufficient conditions for the local unique nearest point property of a real sub-manifold*, 17.09.2019, ÖMG Konferenz 2019, FH Voralberg, Dornbirn, Austria.
51. Kritzer P.: *Constructions of integration rules, Part 1*, 30.09.2019, Fall School on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
52. Krieg D.: *How good are random information?* (2 talks), 01.10.2019, Fall School on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
53. Kritzer P.: *Constructions of integration rules, Part 2*, 01.10.2019, Fall School on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
54. Kritzer P.: *Constructions of integration rules, Part 3*, 01.10.2019, Fall School on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
55. Desmettre S.: *Simulation of Stochastic Processes and Stochastic Differential Equations*, 01.10.2019, Invited Talk, Fall School on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
56. Stepaniuk T.: *Deterministic hyperuniformity on flat tori*, 02.10.2019, Workshop on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
57. Osiogi O.: *Constructions of rank-1 lattice rules for numerical integration in weighted spaces*, 03.10.2019, Workshop on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
58. Wiart J.: *Negative dependence and the quality of scrambled digital nets*, 04.10.2019, Workshop on Algorithms and Complexity in High Dimensions, KFU Graz, Austria.
59. Breneis S.: *Fibonacci lattices have minimal dispersion on the two-dimensional torus*, 04.10.2019, Workshop on Algorithms and Complexity in High dimensions, KFU Graz, Austria.

60. Desmettre S.: *Rough Volatility Modeling and Portfolio Optimization*, 11.10.2019, Invited Talk, DGVFM Nachwuchsworkshop, Akademie Loccum, Hannover, Germany.
61. Etayo U.: *On the existence of cubature formulas*, Oct. 2019, Classical Analysis seminar in KU Leuven, Belgium.
62. Etayo U.: *Distributing many points on a sphere*, Oct. 2019, Methusalen Junior Seminar in Pure Mathematics in KU Leuven, Belgium.
63. Etayo U.: *Distributing many points on a sphere*, Nov. 2019, DK Seminar, TU Graz, Austria.
64. Etayo U.: *Thomas Problem Revisited - Distributing Points on a Sphere*, Nov. 2019, Analysis seminar in KTH Stockholm, Sweden.
65. Leobacher, G.: *On Nonlinear Orthogonal Projections*, 16.11.2019, Analysis Seminar, Igls/Vill.
66. Desmettre S.: *Rough Volatility Modeling and Portfolio Optimization*, 20.11.2019, Invited Talk, Seminar in Applied Mathematics and Statistics, University of Copenhagen, Denmark.
67. Etayo U.: *A sharp Bombieri inequality, logarithmic energy, and well conditioned polynomials*, 10.12.2019, Seminaire Combinatoire et Theorie des Nombres ICJ in Universite Lyon 1, Lyon, France.