

Talks in the period 01.01.2018-31.12.2018

1. Leobacher G.: *Utility indifference pricing of insurance catastrophe derivatives*, 27.02.2018, 13th German Probability and Statistics Days, Freiburg, Germany.
2. Steinicke A.: *L_p Solutions for BSDEs - Existence and Comparison*, 27.02.2018, 13th German Probability and Statistics Days, Freiburg, Germany.
3. Anbar Meidl N.: *Curves (Function fields) with many rational points (places): Recent developments*, 01.03.2018, Mathematics Colloquium, Sabanci University, Turkey.
4. Kritzer P.: *Modified component-by-component constructions of (polynomial) lattice points*, 15.03.2018, Zurich Colloquium in Applied and Computational Mathematics, ETH Zurich, Switzerland.
5. Stepaniuk T.: *Some estimates for numerical integration errors and discrete energy on spheres of arbitrary dimension*, 19.03.2018, ICERM Semester Program on "Point Configurations in Geometry, Physics and Computer Science", Brown University, USA.
6. Grabner P.: *Understanding Viazovska's construction*, 22.3.2018, Focus Group: Modular Forms and Packing Problems, ICERM, Brown University, Providence, RI.
7. Grabner P.: *Hyperuniformity on the sphere*, 4.4.2018, Geometry/Topology Seminar, Brown University, Providence, RI.
8. Grabner P.: *Hyperuniformity on the sphere*, 11.4.2018, Workshop on "Computation and Optimization of Energy, Packing, and Covering", ICERM, Brown University, Providence, RI.
9. Kritzer, P.: *Reduced Component-by-component constructions of (polynomial) lattice points*, 9.5.2018, Invited Talk, Transition Workshop of the SAMSI Program on Quasi-Monte Carlo and High-Dimensional Sampling Methods for Applied Mathematics, Raleigh, NC, USA.
10. Stockinger W.: *Some negative results related to Poissonian pair correlation problems*, 23.05.2018, Numeration 2018, Paris, France.
11. Stepaniuk T.: *Numerical integration errors, probabilistic and deterministic point sets on the sphere*, 31.5.2018, Colloquium des Instituts für Mathematik, University of Lubeck.
12. Stepaniuk T.: *Numerical integration, comparison of probabilistic and deterministic point sets*, 05.06.2018, Conference 'Harmonic Analysis and Applications', Strobl, Austria.
13. Stockinger W.: *Gaps, additive energy and Poissonian pair correlation problems*, 09.06.2018, Analysis Seminar 2018, Traunkirchen, Austria.
14. Aistleitner C.: *A cheap proof and a moment of serendipity*, 11.06.2018. MATRIX-Program "On the Frontiers of High-Dimensional Computation". Creswick (VIC), Australia.
15. Kritzer, P.: *Successive component search algorithms for good lattice points*, 11.6.2018, MATRIX-Program "On the Frontiers of High-Dimensional Computation". Creswick (VIC), Australia.
16. Leobacher G.: *QMC methods in finance*, 13.06.2018, Invited talk, Graduiertenkolleg TU Kaiserslautern, Germany.
17. Steinicke A.: *Malliavin Differentiation of Lévy Driven BSDEs for Local Lipschitz Drivers and Beyond*, 13.06.2018, 40th Conference on Stochastic Processes and Applications - SPA 2018, Gothenburg, Sweden.
18. Hinrichs A.: *How good is random information?*, 26.06.2018, Fakultätskolloquium, Fakultät für Informatik und Mathematik, Universität Passau, Germany.

19. Saad Eddin S.: *A survey on the evaluation of the values of Dirichlet L-functions and of their logarithmic derivatives at $1+it$* , 28.06.2018, Invited Talk, Number Theory seminar, Graz University, Austria.
20. Kritzinger R.: *Haar Analysis of Digital Nets and Sequences*, 02.07.2018, Invited talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
21. Hinrichs A.: *How good is random information? - Approximation in the Hilbert space Setting*, 02.07.2018, Invited Talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
22. Neumüller M.: *Asymptotic Behaviour of the Sudler Product of Sines for Quadratic Irrationals*, 03.07.2018, Invited talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
23. Hofer R.: *Kronecker-Halton sequences in $F_p((X^{-1}))$* , 03.07.2018, Invited talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
24. Leobacher G.: *On higher-order Integration algorithms in (weighted) Hermite spaces*, 03.07.2018, Invited talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
25. Ferizovic D.: *Bounds for the Green Energy on $SO(3)$* , 03.07.2018, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
26. Stepaniuk T.: *Estimates for numerical integration errors on unit spheres of arbitrary Dimension*, 03.07.2018, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
27. Stockinger W.: *Some negative results related to poissonian pair correlation problems*, 05.07.2018, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
28. Larcher G.: *On discrepancy and pair correlation of sequences in the unit interval*, 05.07.2018, Invited talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
29. Kaltenböck L.: *On Bounded Remainder Sets for Sequences $(a_n)_{n \geq 1}$ with $(a_n)_{n \geq 1}$ a Lacunary Integer Sequence*, 05.07.2018, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
30. Kritzer, P.: *Discrepancy bounds for nets and sequences*, 05.07.2018, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
31. Pillichshammer F.: *Discrepancy of digital sequences: new results on a classical QMC topic*, 05.07.2018, Invited talk, 13th International Conference in Monte Carlo & Quasi-Monte Carlo Methods in Scientific Computing, Rennes, France.
32. Stepaniuk T.: *Comparison of probabilistic and deterministic point sets on the unit sphere*, 24.07.2018, (Hyper)Complex Seminar 2018: Hypercomplex Analysis in Differential Equations, Geometry and Physical Applications, Bedlewo, Poland.
33. Hinrichs A., Krieg D.: *How good is random information? - Approximation in the Hilbert space Setting*, 21.08.2018, Ninth International Conference on Numerical Methods and Applications, Borovets, Bulgaria
34. Saad Eddin S.: *On the logarithmic derivatives of Dirichlet L-functions at $1+it$* , 03.09.2018, Elementare und Analytische Zahlentheorie (ELAZ 2018), Bonn, Germany.
35. Saad Eddin S.: *On the values of the Dirichlet L-functions and of their derivatives on the line of 1* , 11.09.2018, International Conference on Number Theory dedicated to the 70th birthdays of Professors Antanas Laurinčikas and Eugenijus Manstavičius, Vilnius

University Conference and Seminar center "Romuva" and Hotel "Žilvinas", Palanga, Lithuania.

36. Saad Eddin S.: *A Survey on the Evaluation of the values of Dirichlet L-functions and of their logarithmic derivatives on the line of 1*, 18.09.2018, Invited Talk, Analytic Number Theory Seminar, Max Planck Institute for Mathematics, Bonn, Germany.
37. Passenbrunner M.: *Spline Characterizations of the Radon-Nikodym Property*, 18.09.2018, International Conference Harmonic Analysis and Approximations, Tsaghkadzor, Armenia.
38. Kritzer P.: *Exponential tractability of linear multivariate problems*, 19.09.2018, Joint meeting of the Italian Mathematical Union, the Italian Society of Industrial and Applied Mathematics and the Polish Mathematical Society, Wroclaw, Poland.
39. Pillichshammer F.: *Tractability properties of the weighted star discrepancy*. 19.09.2018, Joint meeting of the Italian Mathematical Union, the Italian Society of Industrial and Applied Mathematics and the Polish Mathematical Society, Wroclaw, Poland.
40. Ferizovic D.: *An upper Bound for the Green Energy on $S^0(3)$* , 19.09.2018, Invited talk, Local Math Seminar, Vanderbilt University, Tennessee, USA.
41. Hinrichs A.: *How good is random information?*, 28.09.2018, Kolloquium Karl-Franzens-Universität Graz, Austria.
42. Aistleitner C.: *Pair correlations and equidistribution*, 02.10.2018, 6th International Conference on Uniform Distribution Theory, CIRM Luminy, France.
43. Kaltenböck L.: *On Bounded Remainder Sets and Strongly Non-Bounded Remainder Sets for Sequences $(a_n\alpha)_{n\geq 1}$* , 02.10.2018, 6th International Conference on Uniform Distribution Theory, CIRM Luminy, France.
44. Pillichshammer F.: *Tractability properties of the weighted star discrepancy*, 04.10.2018, 6th International Conference on Uniform Distribution Theory in Marseille, CIRM, Luminy, France.
45. Stepaniuk T.: *Comparison of probabilistic and deterministic point sets on the unit sphere*, 06.10.2018, Midwestern Workshop on Asymptotic Analysis, Indiana University, Bloomington, USA.
46. Stepaniuk T.: *Approximation by Fourier sums and numerical integration errors*, 24.10.2018, Computational Analysis Seminar, Vanderbilt University, Nashville, USA.
47. Grabner P.: *Hyperuniformity on the sphere*, 29.10.2018, Workshop "Emergence of Structures in Particle Systems: Mechanics, Analysis and Computation", Oberwolfach.
48. Ferizovic D.: *Bounds for the Green Energy*, 07.11.2018, Invited talk, Local Math Seminar, Universidad de Cantabria, Spain.
49. Leobacher G.: *Probleme lösen durch zufälliges Handeln*, 09.11.2018, Invited talk, Conference "Zufall und Wissenschaft", Graz, Austria.
50. Hinrichs A.: *A survey of recent results on the dispersion of point sets*, 29.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Linz, Austria.
51. Kritzinger R.: *L_p discrepancy of digital nets with non-singular upper-triangle (NUT) generating matrices*, 26.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Workshop: Discrepancy, Linz, Austria.
52. Larcher G.: *On pair correlation of sequences*, 27.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Workshop: Discrepancy, Linz, Austria.
53. Neumüller M.: *Asymptotic behaviour of the Sudler product of sines for quadratic irrationals*, 27.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Workshop: Discrepancy, Linz, Austria.

54. Kaltenböck L.: *On bounded remainder intervals for sequences $(\{a_n\alpha\})_{n \geq 1}$* , 30.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Workshop: Discrepancy, Linz, Austria.
55. Aistleitner C.: *Equidistribution of the Riemann zeta zeros*, 30.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Workshop: Discrepancy, Linz, Austria.
56. Saad Eddin S.: *On RSA integers*, 07.12.2018, Linz Algebra Research Day LARD 2018, JKU, Linz, Austria.
57. Breneis S.: *Walsh-Paley-Martingales*, 25.10.2018, Analysis Seminar Linz, JKU, Austria
58. Breneis S.: *Littlewood-Paley Theory and Applications to Discrepancy*, 15.11.2018, Analysis Seminar Linz, JKU, Austria.
59. Ferizovic D.: *Green and Riesz-s Energies on $SO(3)$* , 29.11.2018, RICAM Special Semester on Multivariate Algorithms and their Foundations in Number Theory, Workshop: Discrepancy, Linz, Austria.