

## Talks in the period 01.01.2015-31.12.2015:

1. Iacó M.R.: *Low-discrepancy sequences: theory and applications*, *Advanced Topics*, Graz University of Technology, 09.01.2015, Graz, Austria.
2. Szölgyenyi M.: *Dividend Maximization in Hidden Markov Models and Analysis of Associated Stochastic Differential Equations*, JKU Linz, 09.02.2015, Linz, Austria.
3. Bors A.: *Some results on parameters of finite groups quantitatively related to abelianity*, invited talk at the Number Theory Seminar, 17.02.2016, UNSW, Sydney, Australia.
4. Bors A.: *Finite groups with an automorphism inverting, squaring or cubing a non-negligible fraction of elements*, invited talk at the Groups and Combinatorics Seminar, 23.02.2016, UWA, Perth, Australia.
5. Brauchart J.S.: *How good are fibonacci lattices -- on the sphere?*, Computational Mathematics Seminar, 24.02.2015, University of New South Wales, Sydney, Australia.
6. Drmota M.: *Pseudorandom properties of subsequences of sequences generated by finite automata*, LIPN, 25.02.2015, Paris Nord, France.
7. Drmota M.: *Quasi-Random properties of the Thue-Morse sequence and related problems*, Univ. Nancy, 27.02.2015, France.
8. Kritzer P.: *Quasi-Monte Carlo Algorithms for High-Dimensional Problems*, 09.03.2015, Karlstad University, Sweden.
9. Szölgyenyi M.: *Solving SDEs associated with certain stochastic optimization problems*, Stochastic Models and Control 2015, 18.03.2015, Kaiserslautern, Germany.
10. Larcher G.: *Analysis of lacunary trigonometric products and discrepancy of sequences in the unit interval*, Colloquium on Harmonic Analysis and Discrepancy Theory, 20.3.2015, Graz, Austria.
11. Kusner W.: *Spherical Discrepancy*, ICERM Postdoc and Graduate Student Seminar, 09.04.2015, Brown University, USA.
12. Grabner P.: *Combinatorial and probabilistic properties of systems of numeration*, Séminaire Dynamique, Arithmétique, Combinatoire (Ernest), 14.4.2015, Institut de Mathématiques de Marseille, Marseille, France.
13. Tichy R.: *Normality, Computability and Randomness*, Séminaire Dynamique, Arithmétique, Combinatoire (Ernest), 14.4.2015, Institut de Mathématiques de Marseille, Marseille, France.
14. Iacó M.R.: *Diophantine approximation and uniform distribution*, Seminar on Number Theory and Algebra, 22.04.2015, University of Zagreb, Zagreb, Croatia.
15. Pillichshammer F.: *Open type quasi-Monte Carlo integration based on Halton sequences in weighted Sobolev spaces*, Conference on Information-Based Complexity (IBC) 2015, 28.04.2015, Bedlewo, Poland.
16. Leobacher G.: *A numerical method for SDEs with discontinuous drift*, Conference on Information-Based Complexity (IBC) 2015, 28.04.2015, Bedlewo, Poland.
17. Kusner W.: *Can rods pack space more densely than disks pack in the plane?*, ICERM Research Seminar, 28.04.2015, Brown University, USA.
18. Kritzer P.: *Multivariate problems over Hilbert spaces with exponential weights*, invited talk at the Conference on Information-Based Complexity, 30.04.2015, Bedlewo, Poland.
19. Irrgeher C.: *Approximation in Hermite spaces of analytic functions*, Workshop on Information-Based Complexity, 30.04.2015, Bedlewo, Poland.
20. Laimer H.: *On standard tractability notions of integration in Hermite spaces*, IBC 2015, 30.04.2015, Bedlewo, Poland.

21. Kritzinger R.:  *$L_p$  discrepancy of modified van der Corput sequences and Hammersley point sets*, IBC 2015, 30.04.2015, Bedlewo, Poland.
22. Puchhammer F.: *An improved bound for the star discrepancy of sequences in the unit interval*, IBC 2015, 30.04.2015, Bedlewo, Poland.
23. Saad Eddin S.: *An asymptotic distribution for  $|L^{\prime}/L(1, \chi)|$* , Séminaire de Théorie des Nombres de Nancy-Metz, 30.04.2015, Nancy, France.
24. Brauchart J.S.: *Discrepancy of Fibonacci Lattices in the Square and on the Sphere*, invited short talk, Conference on Information-Based Complexity (IBC) 2015, 26.04.2015, Bedlewo, Poland.
25. Irrgeher C.: *Tractability of multivariate problems in Hermite spaces*, Austrian Numerical Analysis Day, 08.05.2015, Linz, Austria.
26. Iacó M.R.: *A bridge between ergodic theory and uniform distribution*, Ergodic Theory and Dynamical Systems Seminar, 15.05.2015, University of Vienna, Vienna, Austria.
27. Iacó M.R.: *Dynamical Systems in Number Theory*, Numeration 2015, 19.5.2015, Nancy, France.
28. Tichy R.: *Numeration systems and discrepancy*, Numeration 2015, 18.5.2015, Nancy, France
29. Saad Eddin S.: *An asymptotic distribution for  $|L^{\prime}/L(1, \chi)|$* , Number theory lunch seminar at the Max Planck Institute, 20.05.2015, Bonn, Germany.
30. Larcher G.: *Analysis of lacunary trigonometric products and discrepancy of sequences in the unit interval*, Numeration 2015, 21.5. 2015, Nancy, France.
31. Grabner P.: *Combinatorial and probabilistic properties of systems of numeration*, Numeration 2015, 19.05.2015, Université de Lorraine, Nancy, France.
32. Brauchart J.S.: *Covering, Separation and Discrepancy for Random Points on the Sphere*, Indiana University - Purdue University Fort Wayne, 27.05.2015, Fort Wayne, Indiana, USA.
33. Brauchart J.S.: *Covering and Separation for Points on the Sphere*, invited short talk at the 13th International Symposium on Orthogonal Polynomials, Special Functions and Applications (OPSFA-13), 01.06.2015, Maryland, USA.
34. Hittmeir M.: *A Contribution to the Integer Factorization Problem via Polynomials over  $Z$* , Pre-Conference Workshop for Young Researchers, Elementary, analytic and algorithmic number theory: Research inspired by the mathematics of C. Pomerance, 08.06.2015, Athens, GA, USA.
35. Iacó M.R.: *Finite beta-expansions and bounded remainder sets*, Workshop FAN Fractals and Numeration, 10.06.2015, Admond, Austria.
36. Tichy R.: *30 Years of Cooperation with Attila Pethö*, Workshop FAN Fractals and Numeration, 11.06.2015, Admond, Austria.
37. Bors A.: *On large cycle conditions in finite groups*, Advances in Group Theory and Applications 2015, 16.06.2015, Porto Cesareo, Italy.
38. Saad Eddin S.: *An asymptotic formula for the  $2k$ -th power mean value of  $|L^{\prime}/L(1, \chi)|$* , 6th Spanish workshop on number theory, 03.07.2015, University of Valladolid, Valladolid, Spain.
39. Pillichshammer F.: *Utilizing fast decreasing weights for the construction of efficient lattice rules*, Tenth IMACS Seminar on Monte Carlo Methods 2015, 06.07.2015, Linz, Austria.
40. Kritzer, P.: *Open-type QMC rules for weighted Sobolev spaces*, Tenth IMACS Seminar on Monte Carlo Methods 2015, 06.07.2015, Linz, Austria.
41. Saad Eddin S.: *An asymptotic formula for the  $2k$ -th power mean value of  $|L^{\prime}/L(1, \chi)|$* , 29th Journées Arithmétiques (JA2015), 07.07.2015, University of Debrecen, Debrecen, Hungary.

42. Kritzinger R.: *On symmetrized van der Corput sequences and generalized Hammersley point sets*, Tenth IMACS Seminar on Monte Carlo Methods 2015, 06.07.2015, Linz, Austria.
43. Roche-Newton O.: *Elementary methods for the sum-product problem*, Discrete Mathematics Seminar, April 2015, Gothenburg, Sweden.
44. Merai L.: *On the typical values of the cross-correlation measure*, WCC 2015 (The Ninth International Workshop on Coding and Cryptography 2015), Paris, France.
45. Roche-Newton O.: *Incidence Geometry and Erdős Type Problems*, Combinatorics Seminar 2015, Nankai, China.
46. Roche-Newton O.: *Incidence Geometry and Erdős Type Problems*, Computer Mathematics Seminar, 2015, Beijing, China.
47. Irrgeher C.: *Tractability of multivariate approximation defined over Hilbert spaces with exponential weights*, Tenth IMACS Seminar on Monte Carlo Methods 2015, 08.07.2015, Linz, Austria.
48. Laimer H.: *A reduced fast component-by-component construction of lattice point sets with small weighted star discrepancy*, Tenth IMACS Seminar on Monte Carlo Methods 2015, 09.07.2015, Linz, Austria.
49. Tichy R.: *Arithmetic dynamical systems*, The 29th Journées Arithmétiques (JA) 2015, 09.07.2015, Debrecen, Hungary.
50. Brauchart J.S.: *Trigonometric products*, Tenth IMACS Seminar on Monte Carlo Methods 2015, 10.07.2015, Linz, Austria.
51. Drmota M.: *Distribution properties of subsequences of automatic sequence*, Workshop of Combinatorics, Number Theory and Dynamical Systems, 24.8.2015, IMPA, Rio de Janeiro.
52. Kusner W.: *Problems with packing periodicity*. Zahlentheoretisches Kolloquium, 11.12.2015, TU Graz, Austria.
53. Tichy R.: *Arithmetic dynamical systems*. Conference "Number Theory, Numeration Systems, Ergodic Theory: a conference inspired by the mathematics of Pierre Liardet", 20.09.2015, Le Bourget du Lac, France.
54. Kritzer P.: *Efficient truncation for integration in weighted anchored and ANOVA spaces*, Dagstuhl Seminar on Algorithms and Complexity for Continuous Problems, 22.09.2015, Dagstuhl, Germany.
55. Iaco M. R.: *Extremal limits in number theory, optimal transport and finance*, 22.09.2015, Bozen/Bolzano Risk School, Bozen, Italy.
56. Irrgeher C.: *Fast Brownian Path Construction*, Fourth Austrian Stochastic Days, 28.09.2015, Vienna, Austria.
57. Grabner P.: *From odometers to low-discrepancy sequences: 20 years of cooperation with Pierre Liardet*, Number Theory, Numeration Systems, Ergodic Theory, 28.09.2015, Université de Savoie, Division des Relations Internationales.
58. Müllner C.: *Automatic sequences corresponding to synchronizing automata satisfy the Sarnak conjecture*, 28.09.2015, Number Theory, Numeration Systems, Ergodic Theory, Le Bourget du Lac, France.
59. Hellekalek P.: *Function systems in the theory of u.d. mod 1*, Number Theory, Numeration Systems, Ergodic Theory A Conference inspired by the mathematics of Pierre Liardet, 29.09.2015, Le Bourget du Lac, France.
60. Kritzer P.: *Open-type QMC rules based on shifted Halton sequences*, invited talk at the BIRS Workshop on High-Dimensional Approximation, 01.10.2015, Banff International Research Station for Mathematical Innovation and Discovery, Canada.
61. Pillichshammer F.: *Explicit constructions of infinite sequences with optimal order of  $L_p$ -discrepancy*, invited talk at the BIRS Workshop on High-Dimensional

- Approximation, 01.10.2015, Banff International Research Station for Mathematical Innovation and Discovery, Canada.
62. Hofer R.: *Generalizations of van der Corput-Halton sequences*, invited talk at the BIRS Workshop on High-Dimensional Approximation, 01.10.2015, Banff International Research Station for Mathematical Innovation and Discovery, Canada.
  63. Iaco M. R.: *Dynamics and Ergodic Theory II*, 05.10.2015, Arbeitsgemeinschaft "Mathematical Quasicrystals", Oberwolfach.
  64. Aisleitner C.: *Extreme values of the Riemann zeta function*, 08.10.2015, Salzburg Mathematics Colloquium, University Salzburg, Austria.
  65. Iaco, M. R.: *On extremal limits in uniform distribution*, 22.10.2015, Austrian Statistical Days 2015, Wien.
  66. Tichy R.: *Probabilistic limit theorems and the Kadec-Pełczyński theorem in  $L^p$* , Analysis Seminar Innsbruck, 24.10.2015, Austria.
  67. Aisleitner C.: *Extreme values of the Riemann zeta function via the resonance method*, 06.11.2015, Conference on Analytic Number Theory and Related Areas, Research Institute for Mathematical Sciences, University Kyoto, Japan.
  68. Irrgeher C.: *Fast Brownian Path Construction and its relation to Hermite spaces*, 17.11.2015, University of New South Wales, Australia.
  69. Drmota M.: *Special Automatic Sequences and the Sarnak Conjecture*, Simons Semester Workshops: Ergodic Theory of Dynamical Systems, Bedlewo, 22-28.11.2015.
  70. Saad Eddin S.: *On two problems in Analytic Number Theory*, 02.12.2015, University of Lille, France.