

## Talks in the period 01.01.2020-31.12.2020

1. Lachmann T.: *On the VC-Dimension of Axis-Parallel Boxes on the Torus*, 15.01.2020, Seminar Analysis, JKU Linz, Austria.
2. Etayo U.: *Una desigualdad de polinomios*, 28.01.2020, in the congress QUINTO CONGRESO DE JOVENES INVESTIGADORES, Real Sociedad Matemática Española, Castellón, Spain.
3. Tichy R.: *Diophantine equations and linear recurrences*, 30.01.2020, SFB-Meeting, Linz, Austria.
4. Etayo U.: *Cubature formulas on Riemannian manifolds*, 30.01.2020, in the congress QUINTO CONGRESO DE JÓVENES INVESTIGADORES, Real Sociedad Matemática Española, Castellón, Spain.
5. Etayo U.: *El problema de la distribución de puntos en la esfera*, 04.02.2020, seminario del Departamento de Física y Matemáticas de la Universidad de Navarra, Pamplona, Spain.
6. Tichy R.: *40 years of cooperation with Gerhard Larcher*, 12.02.2020, Colloquium on the occasion of the 60th birthday of Univ.Prof. Dr.Gerhard Larcher, JKU Linz, Austria.
7. Drmota M.: *Digital expansions with respect to different bases*, 12.02.2020, Invited Talk, Colloquium on the occasion of the 60th birthday of Univ.Prof.Dr. Gerhard Larcher, JKU Linz, Austria.
8. Pillichshammer F.: *Gerhard Larcher, digital nets, Walsh functions and tractability of discrepancy*, 12.02.2020, Colloquium on the occasion of the 60th birthday of Gerhard Larcher, JKU Linz, Austria.
9. Krieg D.: *Random information and high dimensional geometry*, Feb. 2020, New Perspectives and Computational Challenges in High Dimensions, Mathematical Research Institute of Oberwolfach, Germany.
10. Aistleitner C.: *Local is the new global*, 25.04.2020, FCK-COVID 19 conference, Universität Würzburg, Germany.
11. Desmettre S.: *Severity Modeling of Extreme Insurance Claims*, 28.04.2020, OICA - Online International Conference in Actuarial Science, Data Science and Finance, online.
12. Etayo U.: *A sharp Bombieri inequality, logarithmic energy and well conditioned polynomials*, 04.05.2020, seminari d'Anàlisi UAB-UB, Barcelona, Spain.
13. Etayo U.: *Astounding connections of the logarithmic energy on the sphere*, 03.06.2020, Point Distributions Webinar, University of Minnesota, USA.
14. Kreamsner, S.: *Solving Elliptic PDEs with BSDEs and Neural Networks*, 05.06.2020. TU Graz.
15. Ebert A.: *Fast construction of good rank-1 lattice rules for multivariate numerical integration in weighted function spaces*, 16.06.2020, Invited Talk, Oberseminar Angewandte Analysis, University of Osnabrück, Germany, online.
16. Sonleitner M.: *Uniform Distribution on the Sphere and the Isotropic Discrepancy of Lattice Point Sets*, 31.07.2020, Webinar Point Distributions, organized by Damir Ferizović (TU Graz), Ryan Matzke (University of Minnesota), and Oleksandr Vlasiuk (Florida State University), online.
17. Desmettre S.: *Dynamic Surplus Optimization with Index- and Performance-Linked Liabilities*, 12.08.2020, Invited talk, Fraunhofer Institute for Industrial Mathematics ITWM, Germany.
18. Kritzer P.: *Exponential tractability*, 13.08.2020, Invited Talk, 14th International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing (MCQMC) 2020, Oxford, UK, online.

19. Hinrichs A.: *Lower Bounds for the Error of Quadrature Formulas for Hilbert Spaces*, 10-14.08.2020, 14th International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing (MCQMC) 2020, Oxford, UK, online.
20. Krieg D.: *Order-optimal point configurations for function approximation*, Aug. 2020, Webinar Point Distributions, organized by Damir Ferizović (TU Graz), Ryan Matzke (University of Minnesota), and Oleksandr Vlasiuk (Florida State University), online.
21. Grabner P.: *Fourier Eigenfunctions and Modular Forms*, 15.09.2020, Jean Morlet Chair Seminar, Marseille, France.
22. Etayo U.: *Fórmulas de cuadratura en variedades Riemannianas*, 24.09.2020, Universidad de Cantabria, Spain.
23. Spiegelhofer L.: *The digits of  $n+t$* , 29.09.2020, Séminaire Ernest, Marseilles, France, online.
24. Sonnleitner M.: *(Non-)optimal point sets for numerical integration*, 02.10.2020, Online workshop "Combinatorial and Geometric Discrepancy" organized by Banff International Research Station, online.
25. Etayo U.: *A deterministic set of spherical points with small discrepancy*, 02.10.2020 Combinatorial and Geometric Discrepancy, Banff International Research Station, Canada, online.
26. Grabner P.: *Fourier Eigenfunctions and Modular Forms*, 14.10.2020, Point Distributions Webinar, online.
27. Leobacher, G.: *Brief introduction to QMC methods and their Applications*. 02.11.2020, CIRM Marseille, online.
28. Tichy R.: *Introduction to Quasi Monte Carlo Methods*, Nov. 2020, Research School Quasi-Monte-Carlo Methods, CIRM Marseille, Luminy.
29. Larcher G.: *Two Concrete Applications of Quasi-Monte Carlo Methods in Financial Engineering*, Nov. 2020, CIRM Marseille, online.
30. Leobacher, G.: *Stochastic differential equations*, 03.11.2020, CIRM Marseille, Online.
31. Drmota M.: *(Logarithmic) Densities for Automatic Sequences along Primes and Squares*, 23.11.2020, Workshop Diophantine Problems, Determinism and Randomness, CIRM, online.
32. Etayo U.: *Connections between Bombieri-type inequalities and equidistribution of points on Riemannian manifolds*, 05.11.2020, Bilbao analysis and PDE seminar, Beam, Spain, online.
33. Etayo U.: *A Bombieri-type inequality for Weierstrass sigma functions*, 11.11.2020, Seminari a distanza di Analisi Armonica, University of Bergamo, University of Milano Bicocca and University of Padova, Italy, online.
34. Saad Eddin S.: *Recent results on the mean values of Dirichlet L-functions*, 25.11.2020, Invited Talk, Discrete Mathematics Seminar, Ricam, Linz, Austria, online.
35. Aistleiter C.: *Local and global statistics for point sequences*, 30.11.2020, Workshop on Discrepancy Theory and Applications, CIRM Luminy, France.
36. Saad Eddin S.: *Recent results on Laurent-Stieltjes constants*, 01.12.2020, Invited Talk, Japan Europe Number Theory Exchange Seminar, Nagoya University, Japan, online.