Monday, September 6: offline meeting

9:20-9:50 Participant registration

9:50-10:00 Opening of the conference

10:00-10:50 *S.V. Konyagin*, "On some papers of S.B. Stechkin";

11:00-11:50 *V.M. Tikhomirov*, "Approximation Theory and S.B. Stechkin's works";

Coffee-break

12:30-13:20 *S.Yu. Tikhonov*, "Smoothness conditions in approximation theory";

15:00-15:30 *A.Yu. Popov*, "Sharp constants in the estimates of the sums of sine series with monotone convex coefficients";

15:30-15:55 *M.V. Balashov*, "Stability of minimization problems and the error bound conditions in the Hilbert space";

15:55-16:20 *N.Yu. Antonov*, "On the rate of convergence of Fourier sums of continuous functions with constraints on the fractality of their graphs";

16:20-16:45 *V.I. Filippov*, "Integer decomposition of elements of the spaces L_p in Fourier type series on systems of contractions and shifts of one function";

Coffee-break

17:05-17:30 *M.G. Plotnikov*, "Uniqueness for rearrangements of the trigonometric system";

17:30-17:55 *M.R. Gabdullin*, "Squares in a short interval is a Λ_4-set";

17:55-18:20 *P.G. Potseiko*, "Approximations on Classes of Poisson Integrals by Fourier–Chebyshev Rational Integral Operators" (joint with E. A. Rovba).

18:20-18:45 *R.R. Akopyan*, "Stechkin's problem on the classes of analytic functions".

19:00 *Welcome buffet*

Tuesday, September 7: offline meeting

10:00-10:50 *A.Yu. Shadrin*, "On cardinality of the lower sets and their universal discretization";

11:00-11:50 *N.A. Ilyasov*, "S.B. Stechkin's inequalities in approximation theory: the key estimation and pairwise equivalency";

Coffee-break

12:30-13:20 *A.L. Lukashov*, "Interpolation by rational functions: several intervals; several variables";

15:00-15:50 *M.G. Grigoryan*, "Existence and structure of universal functions in different senses";

16:00-16:30 *V.Yu. Protasov*, "Application of subdivision schemes to a problem of number theory";

16:30-16:55 *B.I. Golubov*, "Some results and problems in dyadic harmonic analysis";

Coffee-break

17:15-17:40 *M.A. Skopina*, "Wavelet approximation in Orlicz spaces";

17:40-18:05 *B.P. Osilenker*, "On Fourier series in orthogonal Sobolev's polynomials";

18:05-18:30 *M.I. Dyachenko*, "The asymptotic of the sums of cosine-series with fractionely monotone coefficients near the origin";

18:30-18:55 *D.V. Gorbachev*, "Solving the Delsarte problems for spherical designs by the Arestov-Babenko method";

18:55-19:20 *S.Yu. Artamonov*, "Besov spaces with generalized smoothness and summability of multiple Fourier series".

Wednesday, September 8: online (zoom)

10:00-10:50 *V.I. Berdyshev*, "The movement of an object and an unfriendly observer";

11:00-11:50 *S. Révész*, "Fenton's sum of translates approach for classical minimax questions of approximation theory" (joint with Bálint Farkas, Béla Nagy);

12:30-13:20 *V.V. Arestov*, "Approximation of invariant operators";

14:30-15:00 *E.M. Semenov*, "Orthogonal elements of rearrangement invariant spaces";

15:00-15:30 *E. Kopecká*, "Approximating convex sets by simpler convex sets";

15:30-15:55 *K. Paul*, "k−smoothness of operators";

16:10-16:40 *G.A. Karagulyan*, "On some inequalities for multiplicative sequences of functions";

16:40-17:05 *S.F. Lukomskii*, "Tight wavelet frames in zero dimensional groups";

17:05-17:30 *K. Kazaniecki*, "Translation invariant version of little Grothendieck theorem for Sobolev spaces";

17:45-18:35 *G. Garrigos*, "The Haar basis in classical smoothness spaces";

18:45-19:35 *J. Sahasrabudhe*, "Flat Littlewood polynomials exist".

Thursday, September 9: offline meeting

10:00-10:50 *V.G. Krotov*, "The Fatou Property for General Approximate Identities on Metric Measure Spaces";

11:00-11:50 *V.N. Ushakov*, "On some control problems and approximation of sets in these problems" (joint with Uspenskii A.A., Lebedev P.D., Ershov A.A.);

Coffee-break

12:30-13:20 *I.G. Tsarkov*, "Caustics, Mach disks, application to astrophysics";

15:00-15:30 *G.E. Ivanov*, "Existence and uniqueness of the nearest and farthest points of two subsets of a Banach space";

15:30-16:00 *A.R. Alimov*, "Some solar problems in max- and min-approximation";

16:00-16:25 *M.S. Lopushanski*, "Construction of rectifiable curves in proximally smooth sets";

16:25-16:50 *B.B. Bednov*, "On Chebyshev and monotone path-connected sets";

Coffee-break

17:10-17:35 *K.S. Shklyaev*, "Convex hull of a set in terms of metric projection";

17:35-18:00 *L.Sh. Burusheva*, "An example of a Banach space with non-Lipschitzian metric projection on any straight line".

18:30 *Banquet*

Friday, September 10: online (zoom)

10:00-10:50 *R.M. Trigub*, "On the Fourier series and Fourier transforms";

11:00-11:50 *V.I. Ivanov*, "Weighted Inequalities in Dunkl Harmonic Analysis";

12:30-13:20 *Yu.S. Volkov*, "Convergence of interpolation processes and conditionality of systems of equations for spline construction in the general problem of spline interpolation";

13:20-13:45 *T. Jahn*, "On the optimal constants in the two-sided Stechkin inequalities";

14:30-15:20 *G.G. Gevorkyan*, "Uniqueness Theorems for Simple Trigonometric Series and its Application to Multiple Series";

15:30-16:00 *W. Sickel*, "S-Numbers of Embeddings of Weighted Wiener Classes";

16:00-16:25 *R. Schneider*, "Tree Based Tensor Networks (HT/TT) for the numerical solution of non-linear partial differential equations";

16:25-16:50 *P.Yu. Glazyrina*, "Turán's inequality, inverse to Markov's inequality, for compact sets in the complex plane";

17:05-17:30 *D. Sain*, "Orthogonality and best approximations in Banach spaces";

17:30-17:55 *A. Ray*, "Bhatia-Semrl Property of a bounded linear operator";

17:55-18:20 *S. Gupta*, "Strong proximinality in Banach spaces";

18:20-18:45 *T. Nath*, "Differentiability of Distance Function and The Proximinal Condition implying Convexity".