

# PROGRAM

*Saturday, 18 December*

Room 13-11 Chairperson **V.M. Tikhomirov**

9:00-9:30	<b>Novak E.</b> (Joint work with <b>Dahlke S.</b> and <b>Sickel W.</b> ), <i>University of Jena</i> Optimal approximation of elliptic problems by linear and nonlinear mappings
9:30-10:00	<b>Wozniakowski H.</b> , <i>University of Warsaw</i> Tractability of multivariate linear problems for weighted spaces of functions
10:00-10:30	<b>Zahariuta V.</b> , <i>Sabancı University</i> Kolmogorov diameters asymptotics for analytic and harmonic functions
10:30-11:00	<b>Agrachev A.</b> , <i>SISSA &amp; MIRAN</i> Geometric aspects of the Lagrange multipliers rule
11:00-11:30	<b>Bulgakov A.I.</b> , <i>Tambov State University</i> <b>Belyaeva O.P.</b> , <i>Tambov State University</i> <b>Grigorenko A.A.</b> , <i>Tambov State University</i> Обобщенное решение возмущенного включения

**11:30-12:00** *Tea Break*

	<b>Section A (Room 13-11)</b> Chairperson <b>K. Oskolkov</b>	<b>Section B (Room 13-06)</b> Chairperson <b>G.G. Magaril-II'yaev</b>
12:00-12:15	<b>Brinkhuis J.</b> , <i>Erasmus University Rotterdam</i> Optimization: insights and economic applications	<b>Vasilyev S.</b> , <i>Institute of mathematics and mechanics Ural branch of Russian Academy of Sciences</i> О точных константах Джексона
12:15-12:30	<b>Polovinkin E.</b> , <i>Moscow Institute of Physics and Technology</i> Strongly convex analysis and its applications	<b>Bazarkhanov V.B.</b> , <i>Institute of Mathematics of National Academy of Sciences of Kazakhstan</i> Приближение всплесками функций из некоторых пространств обобщенной смешанной гладкости
12:30-12:45	<b>Smirnov E.</b> , <i>Yaroslavl State Pedagogical University</i> Homological methods in functional analysis	<b>Skopina M.</b> , <i>St. Petersburg State University</i> On construction of multivariate wavelets with vanishing moments
12:45-13:00	<b>Gushel R.</b> , <i>Yaroslavl State Pedagogical University</i> 200-th anniversary of the first national school statutes and mathematics education	<b>Skalyga V.I.</b> , <i>Design Bureau "Ametist"</i> О многомерных аналогах неравенства В.А. Маркова

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14:30-15:00	<b>Oskolkov K.</b> , <i>University of South Carolina</i> <b>Temlyakov V.</b> , <i>University of South Carolina</i> American school of approximation
15:00-15:15	<b>Dmitruk A.V.</b> , <i>Central Economics and Mathematics Institute</i> An existence theorem for optimal control problems on infinite time domain
15:15-15:30	<b>Protasov V.</b> , <i>Moscow State University</i> Nonstationary wavelets and one extremal problem for trigonometric polynomials
15:30-16:00	<b>Tikhomirov V.M.</b> , <i>Moscow State University</i> Reminiscences and thoughts about future
16:00-16:30	<b>Discussion</b>
16:30-17:00	<b>Closing Ceremony</b>