

# PROGRAM

*Friday, 17 December*

Room 13-11 Chairperson **A. Pinkus**

9:00-9:30	<b>Mordukhovich B.</b> , <i>Wayne State University</i> Variational analysis of evolution systems
9:30-10:00	<b>Babenko V.F.</b> , <i>Dnepropetrovsk National University</i> <b>Motornyi V.</b> , <i>Dnipropetrovsk National University</i> Днепропетровская школа Корнейчука теории приближений
10:00-10:30	<b>Vishik M.I.</b> , <i>Institute for Information Transmissing Problems</i> Attractors for evolutionary equations of mathematical physics
10:30-11:00	<b>Dinh Dung</b> , <i>Information Technology Institute, Vietnam National University</i> Polynomial projectors preserving homogeneous partial differential equations
11:00-11:30	<b>Zelikin M.I.</b> , <i>Moscow State University</i> Hessian of solutions to Hamilton-Jakobi equation in optimal control theory

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

Room 13-11 Chairperson **C. de Boor**

12:00-12:15	<b>Shevchuk I.</b> , <i>Kyiv National Taras Shevchenko University</i> Convex and coconvex polynomial approximation
12:15-12:30	<b>Berdyshev V.I.</b> , <i>Institute of mathematics and mechanics Ural branch of Russian Academy of Sciences</i> Экстремальные задачи, связанные с навигацией по геофизическим полям
12:30-12:45	<b>Babenko V.F.</b> , <i>Dnepropetrovsk National University</i> <b>Ligun A.A.</b> , <i>Dneprodzerzhinsk State Technical University</i> <b>Shumeiko A.A.</b> , <i>Dneprodzerzhinsk State Technical University</i> О неравенствах типа Колмогорова для операторов, действующих в гильбертовы пространства
12:45-13:00	<b>Pinkus A.</b> , <i>Technion</i> Strictly Hermitian positive definite functions

Room 13-11 Chairperson **G.G. Magaril-II'yaev**

14:30-15:00	<b>I'yashenko Yu.S.</b> , <i>Moscow State University</i> Complex analytic methods in the theory of real dynamical systems
15:00-15:30	<b>Gabushin V.N.</b> , <i>Institute of mathematics and mechanics Ural branch of Russian Academy of Sciences</i> Свердловская школа Стечкина теории приближений
15:30-16:00	<b>Tolstonogov A.A.</b> , <i>Institute of System Dynamics and Control Theory</i> Теорема Боголюбова при ограничениях, порожденных полунепрерывным снизу дифференциальным включением

**16:00-16:30**                    *Tea Break*

Room 13-11 Chairperson **A.V. Arutunov**

16:30-16:45	<b>Konovalov V.N.</b> , <i>Institute of Mathematics of the National Academy of Sciences of Ukraine</i> Influence of the shape of functions on orders of piecewise-polynomial and rational approximation
16:45-17:00	<b>Jankovic V.</b> , <i>University of Belgrade</i> A new approach to Newton Aerodynamic Problem
17:00-17:15	<b>Ioffe A.D.</b> , <i>Technion</i> <b>Milosz T.</b> , <i>Warsaw University</i> Характеристика функции класса $C^{1,1}$
17:15-17:30	<b>Bordag L.A.</b> , <i>Halmstad University</i> Explicit solutions for a nonlinear model of financial derivatives