

Kick-Off Workshop Ulm-Kharkiv, 15.04.26-17.04.26. Preliminary Program.

Wednesday

9:30-10:00 Coffee break

10:00-10:05 Welcome

10:05-10:55 Prof. Dr. Henning Bruhn-Fujimoto, TBA

10:55-11:45 Dr. Panchenko Artem, Data quality engineering: Main challenges and ways to solve them.

11:45-13:30 Lunch

13:30-14:20 Prof. Dr. Mitja Stadje, Utility maximization under endogenous pricing

14:20-15:10 M.Sc. Tran Duc Nguyen, Pattern recognition in high dimensional data: Concrete images and brain signals.

15:10-15:40 Coffee break

15:40-16:30 Dr. Stiepanova Kateryna, Extinction of solutions for nonlinear parabolic equations.

16:30-17:20 Dr. Goncharuk Anna, Generalized periodic solution of the linear implicit difference equation.

Thursday

9:30-10:00 Coffee break

10:00-10:50 Prof. Dr. Alexander Lindner, Quasi-infinitely divisible distributions.

10:50-11:40 Dr. Fausto Colantoni, Elastic Brownian Motions with Jumps and Delays.

11:40-13:30 Lunch

13:30-14:20 Prof. Dr. André Schlichting, Singular Limit Analysis of Training with Noise Injection

14:20-15:10 Prof. Dr. Favorov Sergii, A new description of uniformly spread discrete sets and its continuous analogue.

15:10-15:40 Coffee break

15:40-16:30 Dr. Bogdan Chornomaz, Topological Tools in PAC Learning.

16:30-17:20 M.Sc. Lukas Fuchs, Introduction to artificial neural networks and their applications in structural analysis and modeling of polycrystalline materials

17:30-19:00 Conference dinner

Friday

9:30-10:00 Coffee break

10:00-10:50 M.Sc. Illiyn Illia, Distributed Computations Unified Mathematical Model For Dynamic and Static Analysis

10:50-11:40 Dr. Mikhail Chebunin, Strong Sharpness of the Phase Transition in the Random Connection Model

11:40-13:30 Lunch

13:30-14:20 M.Sc. Afanasiev Oleg (online), Graph Neural Networks for Estimating Permeability in Models of Porous Media.

14:20-15:10 Dr. Zavarzina Olesia (online), On expand-contract plasticity of metric spaces

15:10-15:40 Coffee break

15:40-16:30 Dr. Seliutin Dmytro (online), Filter theory applications in classical analysis.

16:30-17:20 Dr. Petrov Ievgen (online), Constant mean curvature surfaces with harmonic Gauss maps in three-dimensional Lie groups.