

**SCHEDULE**  
**16 SEPTEMBER (MONDAY)**

**Chairman: Andrius Grigutis**

<b>9:00-9:10</b>	<b>Opening</b>	
<b>9:15 – 9:55</b>	<b>Alfredas Račkauskas,</b> Vilnius University, Lithuania	Vygantas Paulauskas: Plus 5 Years in the Field of Probability
<b>10:00 – 10:15</b>	<b>Vygantas Paulauskas,</b> Vilnius University, Lithuania	Briefly About the End of a Long Career
<b>10:20 – 10:35</b>	<b>Donatas Surgailis,</b> Vilnius University, Lithuania	Fractional Operators and Fractionally Integrated Random Fields on $\mathbb{Z}^v$

<b>10:40 – 11:15</b>	<b>Coffee break</b>	
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<b>11:15 – 11:30</b>	<b>Jonas Šiaulys,</b> Vilnius University, Lithuania	Closedness of Heavy-Tailed Distributions
<b>11:35 – 11:50</b>	<b>Rūta Levulienė,</b> Vilnius University, Lithuania Joint work with V. Bagdonavičius	The Distribution of the Statistic of the Chi-squared Test for Regression Models
<b>11:55 – 12:10</b>	<b>Marijus Radavičius,</b> Vilnius University, Lithuania	Inference of Structural Distribution of Cell Probabilities under Sparse Asymptotics
<b>12:15 – 12:30</b>	<b>Simona Jokubauskienė,</b> Vytautas Magnus University, Lithuania	Local Hipp's Approximation for k-Dimensional Lattice Vectors
<b>12:35 – 12:50</b>	<b>Aidas Medžiūnas,</b> Vilnius University, Lithuania	Navigating Uncertainty: Stochastic Models of the Competitive AI Development Landscape

<b>12:50 – 15:00</b>	<b>Lunch break</b>	
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**Chairman: Jonas Šiaulys**

<b>15:00 – 15:15</b>	<b>Yuliya Mishura,</b> Taras Shevchenko National University of Kyiv, Ukraine	A Discrete-Time Model that Weakly Converges to a Continuous-Time Geometric Brownian Motion with Markov Switching Drift Rate
<b>15:20 – 15:35</b>	<b>Kęstutis Kubilius,</b> Vilnius University, Lithuania	Approximation of Fractional SDE with Influence
<b>15:40 – 15:55</b>	<b>Mantas Dirma,</b> Vilnius University, Lithuania	On the Distribution-Tail Behaviour of the Product of Normal Random Variables

<b>15:55 – 16:20</b>	<b>Coffee break</b>	
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<b>16:20 – 16:35</b>	<b>Andrius Grigutis,</b> Vilnius University, Lithuania	The Limit Law of Discrete Partial Sums' Distribution
<b>16:40 – 16:55</b>	<b>Mindaugas Kepalas,</b> Vilnius University, Lithuania	Using Lorenz Curves to Improve Risk Premium Prediction

<b>17:00-17:15</b>	<b>Paulius Virbalas,</b> Vilnius University, Lithuania	On the Degree of Product and Sum of Two Algebraic Numbers
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**SCHEDULE**  
**17 SEPTEMBER (TUESDAY)**

**Chairman: Ramūnas Garunkštis**

<b>9:15 – 9:55</b>	<b>Jonas Šiaulyš,</b> Vilnius University, Lithuania	Gediminas Stepanauskas: Mathematician, Dean, Colleague
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<b>10:00 – 10:40</b>	<b>Paulius Drungilas, Jonas Jankauskas, Aivaras Novikas,</b> Vilnius University, Lithuania	Artūras Dubickas: Contribution to Number Theory
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<b>10:40 – 11:15</b>	<b>Coffee break</b>	
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<b>11:15 – 11:30</b>	<b>Artūras Dubickas,</b> Vilnius University, Lithuania	On Square-Root Sum Problem
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<b>11:35 – 11:50</b>	<b>Antanas Laurinčikas,</b> Vilnius University, Lithuania	On Beurling Zeta-Functions
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<b>11:55 – 12:10</b>	<b>Kota Saito,</b> University of Tsukuba, Japan	Mills' Constant is Irrational
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<b>12:15 – 12:30</b>	<b>Roma Kačinskaitė,</b> Vilnius University, Lithuania  Joint work with B. Žemaitienė from Vytautas Magnus University, Lithuania	One Class of Zeta Functions
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<b>12:35 – 12:50</b>	<b>Ričardas Juozas Kudžma,</b> Vilnius University, Lithuania	Anatomy of Fractions
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**SCHEDULE**  
**18 SEPTEMBER (WEDNESDAY)**

<b>9:00</b>	Excursion (by bus): Charming Curonian Spit. Leaving from Romuva leisure center (Birutės al. 37 a, Palanga).	
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**SCHEDULE**  
**19 SEPTEMBER (THURSDAY)**

**Chairwoman: Kristina Kaulakytė**

<b>9:15 – 9:55</b>	<b>Grigory Panassenko,</b> Vilnius University, Lithuania University Jean Monnet, France	Mathematical Fluid Mechanics: K. Pileckas Contribution
<b>10:00 – 10:40</b>	<b>Artūras Štikonas,</b> Vilnius University, Lithuania	Olga Štikonienė: Mathematician, Colleague, Wife.

<b>10:40 – 11:15</b>	<b>Coffee break</b>	
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<b>11:15 – 11:30</b>	<b>Olga Štikonienė,</b> Vilnius University, Lithuania	The Theory of M-Matrices as a Powerful Tool in the Analysis of Modern Problems with Nonlocal Boundary Conditions
<b>11:35 – 11:50</b>	<b>Gintautas Bareikis,</b> Vilnius University, Lithuania  Joint work with E. Manstavičius	Distributions of Multiplicative Functions
<b>11:55 – 12:10</b>	<b>Giedrius Alkauskas,</b> Vilnius University, Lithuania	Coloring Monohedral Tilings: Defects and Grain Boundaries
<b>12:15 – 12:30</b>	<b>Raivydas Šimėnas,</b> Vilnius University, Lithuania	Decompositions of the Extended Selberg Class Functions
<b>12:35 – 12:50</b>	<b>Darius Šiaučiūnas,</b> Vilnius University, Lithuania	Estimate of the Mean Square of the Hurwitz Zeta-Function in Short Intervals

<b>12:50 – 15:00</b>	<b>Lunch break</b>	
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**Chairman: Darius Šiaučiūnas**

<b>15:00 – 15:15</b>	<b>Andrius Grigutis,</b> Vilnius University, Lithuania	On a Positivity Property of the Real Part of the Logarithmic Derivative of the Riemann $\xi$ -Function
<b>15:20 – 15:35</b>	<b>Renata Macaitienė,</b> Vilnius University, Lithuania	Some Limit Theorems for the Epstein Zeta-Function
<b>15:40 – 15:55</b>	<b>Igoris Belovas,</b> Vilnius University, Lithuania	An Inequality for Dirichlet L-functions

<b>15:55 – 16:20</b>	<b>Coffee break</b>	
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<b>16:20 – 16:35</b>	<b>Monika Tekorė,</b> Vilnius University, Lithuania	On Approximation of Analytic Functions by Shifts of the Periodic Zeta-Functions
<b>16:40 – 16:55</b>	<b>Mindaugas Jاسas,</b> Vilnius University, Lithuania	Approximation of Analytic Functions by Shifts of Absolutely Convergent Dirichlet Series Related to Periodic Zeta-Functions

<b>19:00</b>	<b>Conference dinner (Floros Simfonija, Birutės al. 22)</b>	
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**SCHEDULE**  
**20 SEPTEMBER (FRIDAY)**

**Chairwoman: Renata Macaitienė**

<b>9:15 – 9:55</b>	<b>Alar Leibak,</b> Tallinn University, Estonia	On the Number of Factorizations of Integer $t$ Modulo $N$
<b>10:00 – 10:15</b>	<b>Arvydas Karbonskis,</b> Vilnius University, Lithuania	Variance of a Strongly Additive Function Defined on Random Permutations
<b>10:20 – 10:35</b>	<b>Hany Hilal Yewakiem Gerges,</b> Vilnius University, Lithuania	A Joint Limit Theorem for Epstein and Hurwitz Zeta Functions
<b>10:40 – 11:15</b>	<b>Coffee break</b>	
<b>11:15 – 11:30</b>	<b>Dainius Dzindzalieta,</b> Vilnius University, Lithuania	A Tail Bound for Sums of Random Variables
<b>11:35 – 11:50</b>	<b>Johan Andersson,</b> Örebro University, Sweden	Universality of Helson Zeta-Functions with Prescribed Zeros and Poles
<b>11:55 – 12:10</b>	<b>Ramūnas Garunkštis,</b> Vilnius University, Lithuania	On Zeros of the Riemann Zeta-Function
<b>12:15 – 12:20</b>	<b>Closing</b>	