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| Blue text on a white background  AI-generated content may be incorrect. | **Boundary Value Problems for Ordinary Differential Equations**  **Friday**, 28 **February 2025, 1.00 PM**,  Riga, Raina blvd. 29, room 337. |

**Programme**

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| **Chairperson:** Felikss Sadirbajevs | | |
| **13.00–13.05** | **Opening** | |
| **13.05–13.25** | Eduards Brokāns | Controllability of two dimension gene regulatory system with seasonality |
| **13.25–13.45** | Michael Kopp, Inna Samuilik | Analysis of a new 6D hyperchaotic system |
| **13.45–14.05** | Diāna Ogorelova | Notes on attractors of the 4-dimensional neural system |
| **14.05–14.25** | Olga Kozlovska | Chaotic behavior of Duffing-type equations |
| **14.25–14.45** | Valentīns Sengiļejevs | Meeting GRN system and nonlinear oscillator |
| **14.45–15.00** | **Break** | |
| **15.00–15.20** | Felikss Sadirbajevs, Marija Dobkeviča | On a Duffing-type equation |
| **15.20–15.40** | Aleksejs Antoņuks | Existence of a positive solution for a system of fourth-order differential equations with boundary conditions involving multiplication |
| **15.40–16.00** | Sergejs Smirnovs | Existence of a unique solution for a third-order boundary value problem with nonlocal conditions of integral type |
| **16.00–16.20** | Natālija Sergejeva, Sigita Urboniene | Some notes on spectra of some Fučik type problems with nonlocal two-point boundary conditions |
| **16.20–16.40** | Svetlana Atslēga | Some remarks on solutions of Duffing-type equations |
| **16.40–16.45** | **Closing** | |