

PHD SEMINAR „COMPUTER TECHNOLOGIES AND APPLICATIONS“



PROGRAM

16 April 2026

16:00-16:15

Ivan Bekyarov, A SURVEY OF INTELLIGENT DATABASE MONITORING SYSTEMS

16:15-16:30

Miglena Dodleva, USING AZURE MCP SERVER FOR AI-ASSISTED CLOUD DEVELOPMENT

16:30-16:45

Kristiyan Kolev, CONTEXTUAL ARCHITECTURE FOR THE APPLICATION OF LANGUAGE MODELS IN CLOUD INFRASTRUCTURE MANAGEMENT

16:45-17:00

Vasil Kostadinov, FORMAL MODELS AND PRACTICAL APPLICATIONS OF RATIONAL AGENTS IN MODERN ARTIFICIAL INTELLIGENCE

17:00-17:15

Pavel Kyurkchiev, IMPACT OF GRAPH TOPOLOGY ON COMPUTATIONAL COMPLEXITY IN SEMANTIC INDEXING OF SYSTEM DYNAMICS MODELS

17:15-17:30

Viktor Matanski, MULTI-AGENT SYSTEMS FOR CREATIVE TASKS: ARCHITECTURES, COORDINATION MECHANISMS, AND EVALUATION CHALLENGES

17:30-17:45

Zlatomila Mincheva, THE EVOLUTION OF TIME SERIES FORECASTING: FROM STATISTICAL BASELINES TO COMMERCIAL FOUNDATION MODELS

17:45-18:00

Bozhidar Samokovski, COMPARATIVE ANALYSIS OF EEG FUNDAMENTAL MODELS

18:00-18:15

Detelinka Trifonova, METHODOLOGIES FOR DOMAIN-SPECIFIC ADAPTATION OF LARGE LANGUAGE MODELS

Hall A, Hotel "Kamelia",
Pamporovo, Bulgaria

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ABSTRACTS



CONTACTS

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