



University of Pitești, Romania
Department of Mathematics-Informatics



"Angel Kanchev" University of Ruse, Bulgaria
Faculty of Electrical Engineering, Electronics and Automation

JOINT DOCTORAL SEMINAR

Tuesday, 11th July 2023, from 10:00
Host: University of Pitești, Building S, 1st floor, Room 122

Programme

Chair: Lect. dr. Nicoleta SĂMĂRESCU, University of Pitești

10.00-10.05 Welcome and Introduction

Assoc. prof. dr. Doru CONSTANTIN,
Director of the Department of Mathematics-Informatics, University of Pitești
Lect. dr. Maria MIROIU, University of Pitești

10.05-10.15 Implementation of a Virtual Light Laboratory

Metin IBRYAMOV, PhD student, University of Ruse

10.15-10.25 Facial Emotion Recognition using Artificial Intelligence

Radostin KOLEV, PhD student, University of Ruse

10.25-10.35 Methods and Algorithms for Creating a Unified Homogeneous Environment Between Software and Hardware in Implementing Comprehensive Building Automation Solutions

Dimitar KONSTANTINOV, PhD student, University of Ruse

10.35-10.45 Case-Based Reasoning for Parking Guidance Systems

Neyko NEYKOV, PhD student, University of Ruse

10.45-10.55 Review of Urban Lighting Systems and Opportunities of their Efficacy Control

Stoyan NYAGOLOV, PhD student, University of Ruse

10.55-11.05 Enhancing the Understanding of Computer Engineering Students in Financial Analysis Through Educational Authoring Software

Angel POPGEORGIEV, PhD student, University of Ruse



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11.05-11.15 New Approaches in Automation. Industry 4.0

Svetozar YOLOV, PhD student, University of Ruse

11.15-11.25 Optimizing Performance of Distributed Web Systems

Marian ILEANA, PhD student, University of Pitești

11.25-11.35 Homogenization Theory for the Stokes Problem

Valentin MANZUR, PhD student, University of Pitești

11.35-11.45 Numerical Analysis for Fluid-Structure Interaction Problems

Mihaela CONSTANTIN, PhD student, University of Pitești

11.45-11.55 Research on Methods and Techniques of Designing Cryptographic Applications using Cellular Automata

George Cosmin STĂNICĂ, PhD student, University of Pitești

11.55-12.05 Contributions to the Achievement of EEG Signal Acquisition and Processing Systems

Daniela Andreea COMAN, PhD student, University of Pitești

12.05-12.30 Questions, Discussions and Conclusions

Assoc. prof. dr. Anka KRASETVA, University of Ruse

Assist. prof. dr. Elitsa IBRYAMOVA, University of Ruse

Prof. dr. habil Loredana BĂLILESCU, doctoral advisor, University of Pitești

Prof. dr. eng. Ioan LIȚĂ, doctoral advisor, University of Pitești

Members of the Mathematics-Informatics Department, University of Pitești