



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

Welcome and Introduction

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

Lect. dr. Maria MIROIU, University of Pitești

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

PRESENTATIONS

✚ Implementation of a Virtual Light Laboratory

Metin Aydanov IBRYAMOV, PhD student, University of Ruse

✚ New Approaches in Automation. Industry 4.0

Svetozar YOLOV, PhD student, University of Ruse

**✚ 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

✚ Case-Based Reasoning for Parking Guidance Systems

Neyko NEYKOV, PhD student, University of Ruse

**✚ Review of Urban Lighting Systems and Opportunities of their
Efficacy Control**

Stoyan NYAGOLOV, PhD student, University of Ruse



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✚ Enhancing the Understanding of Computer Engineering Students in Financial Analysis Through Educational Authoring Software

Angel POPGEORGIEV, PhD student, University of Ruse

✚ Facial Emotion Recognition using Artificial Intelligence

Radostin KOLEV, PhD student, University of Ruse

✚ Optimizing Performance of Distributed Web Systems

Marian ILEANA, PhD student, University of Pitești

✚ Homogenization Theory for the Stokes Problem

Valentin MANZUR, PhD student, University of Pitești

✚ Research on Methods and Techniques of Designing Cryptographic Applications using Cellular Automata

George Cosmin STĂNICĂ, PhD student, University of Pitești

✚ Contributions to the Achievement of EEG Signal Acquisition and Processing Systems

Daniela Andreea COMAN, PhD student, University of Pitești

✚ 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