

EXAMEN DE DISERTAȚIE - SESIUNEA Iunie 2025					
ZIUA: Vineri, 27 iunie 2025 – SALA: B513 – Comisia 1					
Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
1	ANISTOROEI N. NICOLE-LAURIAN	Cloud Computing and Internet of Things (CCIT), AC	Enhancing Operational Reliability in Databricks via Workflow Tracking, Cluster Supervision, and Notification Integration	Conf.dr.ing. Răzvan BOGDAN (CTI)	09:00
2	MIRCIOAGĂ S. Ș. IULIA-LAURA	Cloud Computing and Internet of Things (CCIT), AC	IoT-Based real-time water quality monitoring system	Conf.dr.ing. Răzvan BOGDAN (CTI)	09:15
3	DOGARU M. IASMINA-MARIA	Cloud Computing and Internet of Things (CCIT), AC	Influence of External Factors on Sensors	Conf.dr.ing. Răzvan BOGDAN (CTI)	09:30
4	BOLBOTINĂ C. GABRIEL-COSMIN	Cloud Computing and Internet of Things (CCIT), AC	Home automation system with predictive Machine Learning	Conf.dr.ing. Răzvan BOGDAN (CTI)	09:45
5	SECOȘAN D. X. CĂTĂLIN-LUCA	Software Engineering (SE), AC	INTEGRATION OF AI SERVICES INTO SCALABLE WEB APPLICATIONS	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	10:00
6	MUNTEAN C. C. NORBERT-CRISTIAN	Cloud Computing and Internet of Things (CCIT), AC	TerraPulse - Mobile application for citizen collaboration, environmental monitoring and tourism	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	10:15
7	RONCEA M. MARIUS-ALEXANDRU	Software Engineering (SE), AC	AuctionHunters: Innovating Web Solutions for Car Auctions with Advanced Bidding System Development	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	10:30

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 1: Bianca GUȘIȚĂ (bianca.gusita@upt.ro)

8	VOIȚ C. IULIA	Information Technology (IT), AC	FUSIONEER - Account manager for development process	Prof.dr.habil.ing. Radu MARINESCU (CTI), ing. Andrei-Mario RIVIȘ (CTI)	10:45
9	ISCRULEASA O. C. CĂTĂLIN SEBASTIAN	Software Engineering (SE), AC	IMPORTFINDER: LEVERAGING LIBRARY IMPORTS TO IMPROVE DEPENDENCY MANAGEMENT DECISIONS	Prof.dr.habil.ing. Radu MARINESCU (CTI), ing. Andrei-Mario RIVIȘ (CTI)	11:00
10	LICAREȚ A. D. RAUL	Machine Learning (ML), AC	Synchronization Efficiency in Edge Networks Using Edge Sync Cache	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	11:15
11	POPOVICI P. RAUL-LUCIAN	Software Engineering (SE), AC	EVALUATING FULL-STACK WEB TECHNOLOGIES: WHY THINKING AHEAD MATTERS IN BUILDING SCALABLE, HIGH- PERFORMANCE SYSTEMS	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	11:30
12	IOFTOR M. D. VICTOR	Software Engineering (SE), AC	Performance Trade-offs in Cross-Platform Mobile Development: A Comparative Analysis of React Native, Flutter, and Capacitor	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	11:45

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EXAMEN DE DISERTAȚIE - SEȘIUNEA Iunie 2025
ZIUA: Joi, 26 iunie 2025 – SALA: B521 – Comisia 2

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
1	MICLUȚA O. L. PAUL-IOAN	Software Engineering (SE), AC	Sleep&Go – Optimizing Hotel Reservations: A Role Based Administration for Real-Time Management	Conf.dr.ing. Ciprian-Bogdan CHIRILA (CTI)	12:00
2	ȘULI C. S. CASIAN-GABRIEL	Software Engineering (SE), AC	Budgeteer - a financial tracking application enhanced with machine learning for receipt scanning	Conf.dr.ing. Ciprian-Bogdan CHIRILA (CTI)	12:15
3	MĂRȚUICĂ L. IULIA-ELIZA	Machine Learning (ML), AC	Improving Sign Recognition Through Comparative Analysis and Architectural Enhancements	Conf.dr.ing. Cosmin CERNĂZANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	12:30
4	IUGA Ș. G. ȘTEFANIA	Machine Learning (ML), AC	Crop Yield Prediction: Leveraging Machine Learning for Agricultural Efficiency	Conf.dr.ing. Cosmin CERNĂZANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	12:45
5	CILIBIA R. MIRUNA-MARIA	Machine Learning (ML), AC	Skin Cancer Detection Using Convolutional Neural Networks	Conf.dr.ing. Cosmin CERNĂZANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	13:00
6	SILASCHI M. IASMINA-OANA	Machine Learning (ML), AC	Machine Learning and Cross-Dataset Analysis for Bidder Recommendation: A Public Procurement Case Study	Conf.dr.ing. Cosmin CERNĂZANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	13:15
7	CIOBOTĂ I. ISAC-DANIEL	Machine Learning (ML), AC	SHARPE: State-space HumAn Pose Estimation	Prof.dr.habil.ing. Călin-Adrian POPA (CTI)	13:30
8	CIOPLEA V. EMIL	Machine Learning (ML), AC	MZRL: Spacial Manipulation environment for Reinforcement Learning	Prof.dr.habil.ing. Călin-Adrian POPA (CTI), As.drd.ing. Petra CSEREOKA (CTI)	13:45
9	HUSAR R. C. MARA	Information Technology (IT), AC	A COMPARATIVE STUDY OF MOBILE OPERATING SYSTEMS: UI/UX DESIGN AND USER ENGAGEMENT IN ANDROID VS. IOS	Ș.l.dr.ing. Flavius OPRÎTOIU (CTI)	14:00
10	HOJDA R. D. ANDREI-RUSALIN	Information Technology (IT), AC	DESIGN AND DEVELOPMENT OF A REAL-TIME TASK COLLABORATION APPLICATION USING MICROSERVICE ARCHITECTURE	Ș.l.dr.ing. Flavius OPRÎTOIU (CTI)	14:15
11	CAPRĂ N. IOANA	Information Technology (IT), AC	EVENT-DRIVEN ARCHITECTURES: IMPLEMENTING EVENT-DRIVEN ARCHITECTURES IN WEB APPLICATIONS	Ș.l.dr.ing. Flavius OPRÎTOIU (CTI)	14:30
12	OLAR N. T. HOREA-NICOLAE	Software Engineering (SE), AC	Optimizing Test Suite Selection Using Nature-Inspired Metaheuristic Techniques	Ș.l.dr.ing. Sergiu NIMARĂ (CTI)	14:45
13	OLAH H. ANDRADA	Cloud Computing and Internet of Things (CCIT), AC	Virtual Assistant for Alzheimer's Patients and Caregivers	Ș.l.dr.ing. Sergiu NIMARĂ (CTI)	15:00
14	DAN S. I. MIHNEA-VLAD	Cloud Computing and Internet of Things (CCIT), AC	Human Digital Twin Using Wearable Technologies	Ș.l.dr.ing. Mădălin-Dorin POP (CTI)	15:15

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 2: Cristina CĂRUNTA (cristina.carunta@cs.upt.ro)

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2025**ZIUA: Joi, 26 iunie 2025 – SALA: B528 – Comisia 3**

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
1	SÂRBU T. O. RAUL	Information Technology (IT), AC	COMPARATIVE ANALYSIS OF AI MODELS FOR DETECTING CAVITIES IN PANORMAIC RADIOGRAPHS	Conf.dr.ing. Codruța-Mihaela ISTIN (CTI)	9:00
2	HOTYA M. DENIS	Machine Learning (ML), AC	HOUSE PRICE PREDICTION WITH REGRESSION TECHNIQUES AND IMPLEMENTATION OF A GRAPHICAL INTERFAHOUSE PRICE PREDICTION WITH REGRESSION TECHNIQUES AND IMPLEMENTATION OF A GRAPHICAL INTERFACE	Conf.dr.ing. Cosmin CERNĂZANU-GLĂVAN (CTI)	9:15
3	ROMAN R. M. ERMIN-ALEXANDRU	Machine Learning (ML), AC	Reinforcement Learning for Asymmetric AI Cooperation: Training an Intelligent Assistant for Player Support in an Endless Survival Game	Conf.dr.ing. Cosmin CERNĂZANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	9:30
4	BĂNCILĂ O. EMANUEL	Cloud Computing and Internet of Things (CCIT), AC	Spiritual LED Candle V2.0 - Evolution of the electronic votive stand embedded device into an IoT system	Conf.dr.ing. Lucian PRODAN (CTI)	9:45
5	NICOLAE D. G. MIHAI-DAVID	Software Engineering (SE), AC	NATURAL LANGUAGE TO MACHINE CODE: AN AI-DRIVEN COMPILER FRAMEWORK FOR HUMAN-CENTRIC PROGRAMMING	Conf.dr.ing. Lucian PRODAN (CTI)	10:00
6	GHEORGHIU N. ALEXANDRA-CĂTĂLINA	Software Engineering (SE), AC	FurWell: Enhancing Pet Healthcare Through a Multi-Role Web Platform with AI Insights	Conf.dr.ing. Ovidiu BANIAȘ (AIA)	10:15
7	STOIANOVICI V. D. ALEX-CRISTIAN	Information Technology (IT), AC	Study of Big Data Sets Distribution Using Cloud Computing Platforms	Prof.dr.habil.ing. Marius MARCU (CTI)	10:30
8	CHIFOR C. S. ALEXANDRU-SEBASTIAN	Software Engineering (SE), AC	LicensePlateRate, Android app for rating drivers by license plate, enabling crowdsourced responsibility for drivers	Prof.dr.habil.ing. Marius MARCU (CTI)	10:45
9	AL-AOTHMAN YASSIR DAOUD MUKHTAR	Machine Learning (ML), AC	Register and Automated Student Attendance System Using Face Recognition Via Camera	Prof.dr.habil.ing. Marius MARCU (CTI)	11:00
10	MERMEZAN M. Z. MIHAI-MARIUS	Machine Learning (ML), AC	Non-Intrusive Profiling: Behavioural Models For The Energy Market	Prof.dr.habil.ing. Mihai-Victor MICEA (CTI)	11:15

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 3: Petra CSEREOKA (petra.csereoka@cs.upt.ro)

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2025**ZIUA: Joi, 26 iunie 2025 – SALA: B528 – Comisia 3**

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
11	TOPORAN G. V. VICTOR-ALEXANDRU	Cloud Computing and Internet of Things (CCIT), AC	INVISIBLE IMAGE WATERMARKING THROUGH THE USE OF CONCENTRIC HIGH-FREQUENCY BANDS IN THE DISCRETE FOURIER TRANSFORM DOMAIN	Prof.dr.habil.ing. Mihai-Victor MICEA (CTI)	11:30
12	BUNEA N. D. SERGIU	Information Technology (IT), AC	Monolithic versus Microservices: A Containerized Performance Comparison with Kubernetes	Ș.l.dr.ing. Flavius OPRIȚOIU (CTI)	11:45
13	BOCȘA D. C. LORETTA-BRIANA	Software Engineering (SE), AC	“Nostalgia”: An Augmented Reality App for Cultural Heritage and Tourism	Ș.l.dr.ing. Flavius OPRIȚOIU (CTI)	12:00

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 3: Petra CSEREOKA (petra.csereoka@cs.upt.ro)

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2025

ZIUA: Vineri, 27 iunie 2025 – SALA: B413 – Comisia 4

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
1	FARA H. VLAD-ANDREI	Computing and Internet of Things (CI)	A Comparison of Human Tracking Systems on a Mobile Robotic Platform	Conf.dr.ing. Răzvan BOGDAN (CTI)	9:00
2	PETRUC L. SEBASTIAN-IOAN	Computing and Internet of Things (CI)	SPATIAL–TEMPORAL MODELING AND DATA FUSION FOR URBAN AIR QUALITY INFERENCE WITH MOBILE SENSING INTEGRATION	Conf.dr.ing. Răzvan BOGDAN (CTI)	9:15
3	MOSOR M. ADRIAN-MIHAIL	Computing and Internet of Things (CI)	NeuroKinetics: Development of an Interactive System for NeuroKinetics Recovery	Conf.dr.ing. Răzvan BOGDAN (CTI)	9:30
4	PĂVĂLONI S. L. ROBERT-IULIAN	Computing and Internet of Things (CI)	IOT-BASED SMART CAR CONTROLLED VIA DIFFERENT METHODS	Conf.dr.ing. Răzvan BOGDAN (CTI)	9:45
5	GHIȚULAN S. M. ALIN	Software Engineering (SE), AC	Enhancing Observability in Smart City IoT Systems through OpenTelemetry. A Layered Architectural Approach.	Conf.dr.ing. Răzvan BOGDAN (CTI)	10:00
6	RUSAN C. F. IOANA-MĂDĂLINA	Information Technology (IT), AC	A Modular And Standards-Compliant Frontend Architecture for Electronic Discharge Summaries Using React and OpenEHR	ing. Emil VOIȘAN (AIA)	10:15
7	MIȘCUȚA S. DIANA-VALENTINA	Information Technology (IT), AC	Consent-Aware Integration of EHRbase: Enforcing GDPR-Compliant Access to Electronic Health Records	ing. Emil VOIȘAN (AIA)	10:30
8	SURUGIU N. M. DRAGOȘ-ANDREI	Software Engineering (SE), AC	AtlasSync - CRDT-enabled file indexing & synchronization	Ș.l.dr.ing. Cosmin MARȘAVINA (CTI)	10:45
9	CHIȘ F. ADELIN-GABRIEL	Software Engineering (SE), AC	Challenges in building a high available and distributed cloud based web application	Ș.l.dr.ing. Daniel IERCAN (AIA)	11:00
10	BADLEH O. HADY	Computing and Internet of Things (CI)	DEVELOPMENT OF A REMOTE MONITORING SYSTEM USING KUBERNETES	Ș.l.dr.ing. Daniel IERCAN (AIA)	11:15

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 4: Marian-Emanuel IONAȘCU (marian.ionascu@upt.ro)

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2025

ZIUA: Vineri, 27 iunie 2025 – SALA: B413 – Comisia 4

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
11	BOCEREG S. YASMINA-ANDREEA	Software Engineering (SE), AC	Autoencoder vs. Pretrained Models for Fashion Image Similarity	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	12:30
12	ROSA O. A. BIANCA-PATRICIA	Software Engineering (SE), AC	Real-Time Human Pose Estimation for Lunge Evaluation: Comparing MoveNet, MediaPipe and YOLO	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	12:45
13	BORCAN C. C. MIRUNA-CRISTIANA	Machine Learning (ML), AC	Machine Learning in Automotive Radar Sensors: Trailer Presence Detection Using Neural Networks	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	13:00
14	GOJKA T. VIKTOR-JON	Software Engineering (SE), AC	DISASTER RECOVERY IN CI/CD PIPELINES	Ș.l.dr.ing. Flavius OPRÎTOIU (CTI)	13:15

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 4: Marian-Emanuel IONAȘCU (marian.ionascu@upt.ro)

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2025**ZIUA: Joi, 26 iunie 2025 – SALA: B520 – Comisia 5**

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
1	ARDELEAN M. DENIS-ANDREI	Machine Learning (ML), AC	Genetic Programming for Software Metric-Based Prediction: A DEAP-Based Replication Study	Conf.dr.ing. Cristina MARINESCU (CTI)	8:00
2	HAQUE A B M MAHABUBUL	Information Technology (IT), AC	Predicting Future Participants in Sporting Leagues and Competitions	Conf.dr.ing. Cristina MARINESCU (CTI)	8:15
3	COMAN A. ANDREI-ALEXANDRU	Software Engineering (SE), AC	Comparative Evaluation of Cloud and On-Prem Containerized Infrastructure: A Practical Case Study using Kubernetes and AWS	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	8:30
4	BELEA F. C. BIANCA-MARIA	Software Engineering (SE), AC	COMPARATIVE ANALYSIS OF REST AND GRAPHQL APIS IN WEB DEVELOPMENT	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	8:45
5	FULGA C. L. FABIAN-MARIAN	Machine Learning (ML), AC	A Benchmarked Hybrid Virtualization and GitOps Kubernetes Architecture for Secure Biomedical Application Deployment	Prof.dr.habil.ing. Mihai UDRESCU-MILOSAV (CTI)	9:00
6	VELCIOV L. ANA-DIANA	Machine Learning (ML), AC	A Hybrid Deterministic–LLM Ensemble Framework with Confidence-Calibrated Benchmarking for Robust Extraction of Structured Data from Oncology Discharge Reports	Prof.dr.habil.ing. Mihai UDRESCU-MILOSAV (CTI)	9:15
7	AVRAMOV M. AMALIA-GORDANA	Software Engineering (SE), AC	Performance Evaluation of an IoT System for Mold Risk Prediction and Sensor Data Anomaly Detection	Ș.l.dr.ing. Daniela STĂNESCU (CTI)	9:30
8	BUDĂU ȘTEFANIA	Machine Learning (ML), AC	Structured Depth and Width Pruning for Romanian LLMs	Prof.dr.habil.ing. Călin-Adrian POPA (CTI)	9:45
9	JICHI C. FABIAN-CASIAN	Machine Learning (ML), AC	Using the Pure State Space Model Architecture VM-UNet for Polyp Medical Image Segmentation	Prof.dr.habil.ing. Călin-Adrian POPA (CTI)	10:00
10	DRAGOMIRESCU C. LIVIU	Machine Learning (ML), AC	Denoising Queries for Efficient Human-Object Interaction Detection in Transformer-Based Models	Prof.dr.habil.ing. Călin-Adrian POPA (CTI)	10:15
11	MUSTA M. D. CLAUDIU-DAN	Machine Learning (ML), AC	Comparison of Explainable AI Methods in Brain Tumor Detection	Conf.dr.ing. Dan PESCARU (CTI)	10:30
12	FURDUI C. M. SORIN-OCTAVIAN	Machine Learning (ML), AC	Detecting Vulnerabilities in C/C++ Source Code Using Machine Learning Approaches	Conf.dr.ing. Dan PESCARU (CTI)	10:45
13	GIURCĂU A. MIHAI-ALIN	Machine Learning (ML), AC	Box Inspection for Automatic Production Line in Pharma Industry	Conf.dr.ing. Dan PESCARU (CTI)	11:00
14	MIRULESCU G. GEORGE-REMUS	Information Technology (IT), AC	A comparative analysis of MySQL, MongoDB and Elasticsearch	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	11:15

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 5: Andy MOLIN (andy.molin@upt.ro ; andy.molin@cs.upt.ro)