

DISSERTATION THESIS – JUNE 2021 SESSION

DAY: MONDAY, June 07, 2021 – Committee 1

No.	Student Name	Master	Paper title	Scientific supervisor	Hour
1.	Ban Cristina-Ioana	SE	Derm Buddy - Virtual Personal Assistant for Skin Concerns	S.I. dr.ing. Babii Sorin	10:00
2.	Barbul Athina Oana	SE	Voice Analysis System for Detecting Parkinson's Disease using Deep Learning	Prof. dr.ing. Udrescu Milosav Mihai	10:15
3.	Bocereg Alexandra Svetlana	SE	Capturing Resource Anti-Patterns and their Evolution in Android Applications	Conf. dr.ing. Marinescu Cristina	10:30
4.	Ciocirlan Elvis Claudiu	SE	Software Engineering, Development & ML roles in System Automation of Hub360 TMS	Ş.I.dr.ing. Mihaela Crişan-Vida	10:45
5.	Codau Fabian Valentin	SE	Comparison Study of Predicting Stock Prices Using Machine Learning Models and Deep Learning Techniques	S.I. dr.ing. Holotescu Casandra	11:00
6.	Groza Vlad-Mircea	SE	Computational drug repurposing using drug-gene interaction networks	Prof. dr.ing. Udrescu Milosav Mihai	11:15
7.	Iovan Andrei-Filip	IT	The prediction of successful claim's reimbursement in the American medical claims adjudication process	Ş.I.dr.ing. Andreea Robu	11:30
8.	Susany Robert	IT	Solution Analysis For Ambient Computing	S.I. dr.ing. Opritoiu Flavius	11:45

For additional questions please contact the secretary of committee 1: *Adriana-Ramona Cioarga* (adriana.cioarga@cs.upt.ro)

- Candidates will connect to the online zoom platform, 15 minutes before they are scheduled, and will ensure that they have audio-video connectivity needed for presentation.
- Candidates will share screen their PowerPoint/PDF presentation.
- Practical demonstrations must be made using the share screen functionality, and will be made either during the presentation, or after the presentation / during the questions session.
- Students who did not submit a scientific paper may receive maximum grade of 8 at dissertation thesis.

EXAMEN DE DISERTAȚIE-SESIUNEA IUNIE 2021

ZIUA: Marți, 08 iunie 2021, Comisia 2

Nr. Crt.	Nume candidat	Master	Titlu lucrare	Conducător științific	Ora
1.	PĂTROIU S. RADU-ADRIAN	SE	Visual Representations of Heuristic Methods	Conf. dr.ing. Chirila Ciprian Bogdan	09:00
2.	CSESTANOVITS I. JUDITH	SE	Code2cluster: Language-independent Source Code Analysis Aided by Natural Language Processing	Conf. dr.ing. Marinescu Cristina	09:15
3.	FEIER G. MARIUS-ANDREI	SE	DeepNews - News Recommender System using Deep Neural Networks	Conf. dr.ing. Popa Calin Adrian	09:30
4.	ILIAȘI R. MARIO-LUCA	SE	End-to-End Autonomous Driving with Deep Reinforcement Learning	Conf. dr.ing. Popa Calin Adrian	09:45
5.	NEAMU I. RAREȘ IONUȚ	SE	Studying Git Analytics Tools	S.I. dr.ing. Holotescu Casandra	10:00
6.	IONESCU L. ROXANA	SE	Handwritten Recognition for Mobile Applications for Laboratory Support Activities in Mehedinti Public Health Department	Prof. dr.ing. Marcu Marius	10:15
7.	SEBESAN H. CORINA-NICOLETA	IT	A Machine Learning and Cloud-Based Mobile Application for Tomato Leaf Disease Identification	S.I. dr.ing. Opritoiu Flavius	10:30

For additional questions please contact the secretary of committee 2: *Mădălin-Dorin Pop* (madalin.pop@upt.ro)

- Candidates will connect to the online platform, 15 minutes before they are scheduled, and will ensure that they have audio-video connectivity needed for presentation.
- Candidates will share screen their PowerPoint/PDF presentation.
- Practical demonstrations must be made using the share screen functionality, and will be made either during the presentation, or after the presentation / during the questions session.
- Students are asked to specify whether they have also submitted a scientific paper which was revised and accepted by their coordinator.

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2021

ZIUA: Marți, 8 iunie 2021 Zoom: Disertație- Comisia 3

Nr. Crt.	Nume candidat	Titlu lucrare	Conducător științific	Ora
1.	Albisoru Carmen-Ioana	Prediction of user interruptions generated by mobile communication media and evaluating the impact of interruption	Prof. dr.ing. Marcu Marius	08:00
2.	Cirlea Cosmin-Ionut	Android application for discovering cities through guided tours and quests	Prof. dr.ing. Marcu Marius	08:15
3.	Dinulica Ioan Septimiu	AndroidDissect - Risk Assessment Platform	S.I. dr.ing. Cosma Dan Calin	08:30
4.	Dinulica Petru Augustin	ANALYZING THE TECHNICAL LAG OF NPM-BASED SOFTWARE PROJECTS	S.I. dr.ing. Cosma Dan Calin	08:45
5.	Igna Bogdan-Nicolae	Towards a catalog of visual patterns in uniformity metrics visualisations	Conf. dr.ing. Mihancea Petru Florin	09:00
6.	Jebelean Flavius	Extensible Voice Controlled Hardware Virtual Assistant	Conf. dr.ing. Topirceanu Alexandru	09:15
7.	Nicoara Alexandru Marius	A Comparative View of Optical Character Recognition Services using a Document Scanning App	Conf. dr.ing. Topirceanu Alexandru	09:30
8.	Șebu (Gantner) Cristian	Federated Learning for Collaborative Robotic applications	Prof. dr.ing. Udrescu Milosav Mihai	09:45

OBS:

1. Candidații vor intra în videoconferință la ora 7:50 și vor susține lucrarea de disertație pe rând, conform programării.
2. **Important!** Candidații care nu au susținut o lucrare științifică vor putea lua maxim nota 8 la examenul de disertație.

Pentru întrebări suplimentare, neclarități sau contestații, contactați secretarul Comisiei 3: Nimară Sergiu (sergiu.nimara@cs.upt.ro)

EXAMEN DE DISERTAȚIE-SESIUNEA IUNIE 2021

ZIUA: Marti, 08 iunie 2021 Zoom: Disertatie- Comisia 4

Nr. Crt.	Nume candidat	Marca	Titlu lucrare	Conducător științific	Ora
1.	David Tudor-Mihai	MM72837	Real-time Covid-19 mask recognition using computer vision and federated learning	Prof. dr.ing. Udrescu Milosav Mihai	9:00
2.	Păiușan Răzvan-Thomas	MM72862	REMOTE ACCESS OF VEHICLE INFORMATION USING THE MOBILE PHONE	Conf. dr.ing. Chirila Ciprian Bogdan	9:15
3.	Cosma Patricia-Giorgiana	MM72834	Change prediction in software systems using source code and authorship metrics	Conf. dr.ing. Marinescu Cristina	9:30
4.	Bercean Bogdan-Alexandru	MM72828	XVision: Medical Imaging Analysis Platform - X-Ray Pulmonary Pathology Localization using Deep Learning	S.I. dr.ing. Fuicu Sebastian	9:45
5.	Tenescu Andrei	MM72869	XVision: Medical Imaging Analysis Platform - Continuous Integration, Deployment, Hospital Infrastructure Integration	S.I. dr.ing. Fuicu Sebastian	10:00
6.	Avramescu Cristian	MM72825	XVision: Medical Imaging analysis platform – Web Platform	S.I. dr.ing. Fuicu Sebastian	10:15
7.	Iarca Stefan	MM72848	XVISION: MEDICAL IMAGING ANALYSIS PLATFORM - XRAY AND CT LUNG SEGMENTATION AND HAEMORRHAGE CLASSIFICATION	S.I. dr.ing. Fuicu Sebastian	10:30

OBS:

1. Candidații vor intra in camera de așteptare la ora 8:50, si vor susține lucrarea de disertație pe rând, conform programării.
2. **Important!** Candidații care nu au susținut o lucrare științifică vor putea lua maxim nota 8 la examenul de disertație.

Pentru întrebări suplimentare,neclarități sau contestații contactați secretarul Comisiei 4: Caus Oana (oana.caus@cs.upt.ro)

EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2021

ZIUA: Marți, 8 iunie 2021 Zoom: Disertație - Comisia 5

Nr. Crt	Nume candidat	Marca	Titlu lucrare	Conducător științific	Ora
1	Iovan Bogdan-Ioan	MM72854	COPD detection using multifractal detrended fluctuation analysis on biomedical signals	Prof.dr.ing. Udrescu Milosav Mihai	9:00
2	Petculescu Florin-Cristian	MM72864	WEB LINE PLANNER - web tool for administration, management and planning of resources and projects inside a company	Conf.dr.ing. Chirila Ciprian Bogdan	9:15
3	Damian Melisa-Dana	MM72836	The Impact of Using Higher-Order Functions Instead of Classical Loops on JavaScript Performance	Conf.dr.ing. Marinescu Cristina	9:30
4	Iliencescu Anca-Maria	MM72851	SHORT-TERM TRAFFIC CONGESTION PREDICTION USING RECURRENT NEURAL NETWORKS	S.I.dr.ing. Iovanovici Alexandru	9:45
5	Pacurariu Marco	MM72861	Impact of the persistence layer on performance and architecture for a Java web application	Prof.dr.ing. Marcu Marius	10:00
6	Molin Andy	MM72857	Inspector-Lib - Assessing a system's open source libraries	Prof.dr.ing. Marinescu Radu	10:15
7	Pop Nicu-Serban	MM72898	Study of UV-C Intensity Distribution Using the TIAMO-C6 Sensor	Conf.dr.ing. Raul Ciprian Ionel	10:30

OBS:

1. Candidații vor intra in camera de așteptare la ora 8:50, si vor susține lucrarea de disertație pe rând, conform programării.
2. **Important!** Candidații care nu au susținut o lucrare științifică vor putea lua maxim nota 8 la examenul de disertație.

Pentru întrebări suplimentare,neclarități sau contestații contactați secretarul Comisiei 5: Capota Eugenia (eugenia.capota@cs.upt.ro)