

AQTR 2018- Student Forum Program

Saturday May 26

8:30-10:30
SFS1 Room D11

Chair
Radu MIRON

- 1 Classifiers for Oak Species Leaves**
Rareş Dacian PETRIŞOR, Andrei Eusebiu OŢEL, Flavius Rareş PLATON, Rodica HOLONEC, Honoriu Mugurel VĂLEAN, Ioan TĂUT
- 2 Performance Evaluation of Hill Climbing Maximum Power Point Techniques for Photovoltaic Systems**
Mihai Andrei IONESCU
- 3 Automated Office Allocation using Machine Learning**
Alexandru MARIEŞ, Liviu MICLEA
- 4 Distributed System for Tracking Freight Wagons**
Manuela Nicoleta POP
- 5 The Use of Image Recognition Systems in Manufacturing Processes**
Andrei Alexandru TULBURE, Adrian Alexandru TULBURE
- 6 A Study of Social Spider Optimization Algorithm**
Liana HORJ, Andrei Alexandru KIRALY, Diana Roxana RUSU

9:45-10:45
SFS2 Room D12

Chair
Dan RADU

- 7 Integrated Home Security System**
Veronica MIHAIU
- 8 Open Source Host-Agnostic Human Resource Information System**
Sebastian Eusebiu NICOARA, Dan RADU
- 9 Home Automation using Wireless Systems**
Bogdan Gabriel BURDEA, Anita Katalin PAPP
- 10 Check-in System for AQTR Conference Participants**
Bogdan COVRIG

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11:00-12:00 SFS3 ROOM D11	11 Formation Marching in Collaborative Multi-Agent System with Active Object Avoidance Árpád Tamás SZEKELY
Chair Roxana BOTH	12 Modeling Tool in Biochemical Industry. Case Study: The L-lactic Acid Production Using Crude Glycerol Alex Ede DANKU
	13 Fault Tolerant Systems in Ovation Marian Adrian BORZAN
	14 Design of Mobile Autonomous Robot Mihaela Alexandra VARGA
11:00-12:30 SFS4 ROOM D12	15 Smart Devices System for Combating Domestic Food Waste using Deep Learning Beniamin BIA, Cosmin NECHIFOR, Razvan PAȘCA, Gabriel RAT
Chair Camelia AVRAM	16 Control Systems with PLC for Thermoplastic Extrusion Bogdan Ioan BUSTAN, Iulian Andrei GAINA, Ciprian Gheorghe BILA, Gheorghe GOLBAN, Ioan Florin MATIEȘ
	17 Never Forget Meds Intelligent Pill Dispenser Mihnea SAILA, Raluca Adelina FEIER, Reghinuța CATARIG, Maria MOLDOVAN
	18 Aquarium Monitor and Control System Tudor Claudiu TARNOVAN
	19 Monitoring and Control of a Self-Driving Vehicle Paul VACARIU, Giani Ionuț STATIE, Ștefan Marian PARLEA
	20 Artificial Bee Colony Optimization Sabina ANDREI, Vlad MIHALY, Rares COVACI