

PROGRAM

THURSDAY, October 08, 2020

International Conference on Applied Informatics – ICDD 2020

organized by
Faculty of Sciences, *Research Center in Informatics and Information Technology*
Lucian Blaga University of Sibiu, Romania

9 ²⁰ – 9 ⁴⁰	Opening ceremony
9 ⁴⁰ – 11 ²⁰	Papers presentation Chair: Dana Simian, "Lucian Blaga" University of Sibiu, Romania
9 ⁴⁰ – 10 ⁰⁰	<ul style="list-style-type: none">• <i>Automatic recognition of acoustic musical chords</i>, Razvan-Cosmin Linca, Babes-Bolyai University, Cluj-Napoca, Romania• <i>Collection of software interfaces</i>, Madalina Marinescu, Politehnica University Timisoara, Romania• <i>Tampering detection for in-vehicle systems</i>, Roland Bolboaca, "George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology of Targu Mures, Romania• <i>Towards a comprehensive attack framework against commercial and private UAV</i>, Leonhard Hosch, Max Arndt, Lars Fichtel, Alexander M. Fruhwald, Vitaliy Schreibmann, Andreas Schutz, Christian Bachmeir University of Applied Sciences Wurzburg-Schweinfurt, Helena Schmiedl, Friedrich-Alexander University of Erlangen-Nuremberg, Germany• <i>AI and ML in retail industry, Case Study on LiDL (Fresh food market)</i>, Walter Romer, "Lucian Blaga" University of Sibiu, Romania
10 ⁰⁰ – 10 ²⁰	
10 ²⁰ – 10 ⁴⁰	
10 ⁴⁰ – 11 ⁰⁰	
11 ⁰⁰ – 11 ²⁰	
11 ²⁰ – 11 ⁴⁰	Coffee break
11 ⁴⁰ – 13 ²⁰	Papers presentation Chair: Nicolae Constantinescu, University of Craiova, Romania
11 ⁴⁰ – 12 ⁰⁰	<ul style="list-style-type: none">• <i>Towards an Industrial Recommendation System for Quality Improvement: Comparison of Python and C++ Implementations in an Edge- and Cloud-Computing Environment</i>, Alexander M. Fruhwald, Steffen Kastner, Anna-Maria Schmitt, Simon Haas, Leonhard Hosch, Lars Fichtel and Christian Bachmeir, University of Applied Sciences Wurzburg-Schweinfurt, Germany• <i>Approaches for reducing the number of intersections between the components of software architectures</i>, Ligia - Izabela Craciunescu, Politehnica University Timisoara, Romania• <i>Proximity marketing, personalized offers and banking, all on mobile</i>, Arina Ioana Cazacu, Babes-Bolyai University, Cluj-Napoca, Romania• <i>Automation of the Examination Timetabling</i>, Janik Hemrich, Stella Konieczek, Justin Seegets, University of Applied Sciences Wurzburg-
12 ⁰⁰ – 12 ²⁰	
12 ²⁰ – 12 ⁴⁰	
12 ⁴⁰ – 13 ⁰⁰	

13 ⁰⁰ – 13 ²⁰	<p>Schweinfurt, Germany</p> <ul style="list-style-type: none"> • <i>Cashout</i>, Alexandru Dancau, Paul Robert Ceolca, "Lucian Blaga" University of Sibiu, Romania
13 ²⁰ – 15 ⁰⁰	Lunch break
15 ⁰⁰ – 16 ²⁰	<p>Papers presentation Chair: Florin Stoica, "Lucian Blaga" University of Sibiu, Romania</p>
15 ⁰⁰ – 15 ²⁰	<ul style="list-style-type: none"> • <i>3D Head Reconstruction via Volumetric Regression</i>, Andreea Dogaru, Transilvania University of Brasov, Romania
15 ²⁰ – 15 ⁴⁰	<ul style="list-style-type: none"> • <i>Improving automatic meter reading using data generated from unpaired image-to-image translation</i>, Andreas Filinger, University of Applied Sciences Landshut, Germany
15 ⁴⁰ – 16 ⁰⁰	<ul style="list-style-type: none"> • <i>Centralized management web app for real estate developers and HOA's</i>, Felix Husac, "Lucian Blaga" University of Sibiu, Romania
16 ⁰⁰ – 16 ²⁰	<ul style="list-style-type: none"> • <i>Solving critical section problems by using a control thread</i>, Milan Savić, Singidunum University, Belgrade, Serbia
16 ²⁰ – 16 ⁴⁰	Coffee break
16 ⁴⁰ – 17 ⁴⁰	<p>Papers presentation Chair: Daniel Hunyadi, "Lucian Blaga" University of Sibiu, Romania</p>
16 ⁴⁰ – 17 ⁰⁰	<ul style="list-style-type: none"> • <i>Garbage Collector</i>, Razvan Gheorghe Filea, "Samuel von Brukenthal" National College of Sibiu, Romania
17 ⁰⁰ – 17 ²⁰	<ul style="list-style-type: none"> • <i>Bayesian networks with applicability in sonoluminescence</i>, Bogdan-George Gros, "Aurel Vlaicu" University of Arad, Romania
17 ²⁰ – 17 ⁴⁰	<ul style="list-style-type: none"> • <i>IoT moisture monitoring system for improving indoor plants growing conditions and optimizing maintenance routines</i>, Minodora Suilea, Teodora Popa, Iuliana Buruiana, "Lucian Blaga" University of Sibiu, Romania

FRIDAY, October 09, 2020

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9²⁰ – 11⁰⁰	Papers presentation Chair: Dana Simian, "Lucian Blaga" University of Sibiu, Romania
9 ²⁰ – 9 ⁴⁰	<ul style="list-style-type: none">• <i>The software application that allow to extract the information from romanian identity cards, Constantin-Marius Stanciu, "Lucian Blaga" University of Sibiu, Romania</i>
9 ⁴⁰ – 10 ⁰⁰	<ul style="list-style-type: none">• <i>Access control system based on QR Codes, Sebastian Stoica, "Lucian Blaga" University of Sibiu, Romania</i>
10 ⁰⁰ – 10 ²⁰	<ul style="list-style-type: none">• <i>Silent Death, Andrei-Daniel Mihai, "Lucian Blaga" University of Sibiu, Romania</i>
10 ²⁰ – 10 ⁴⁰	<ul style="list-style-type: none">• <i>Study on the influence of the Exhaust Line Ultrasounds over the performance of the Blind Spot Warning System, Catalin Meirosu, NTT Sibiu, Romania</i>
10 ⁴⁰ – 11 ⁰⁰	<ul style="list-style-type: none">• <i>Vector Embeddings for textual data in Business Intelligence, Eugen Becker, Daniel Wagner, University of Applied Sciences Wurzburg-Schweinfurt, Germany</i>
11⁰⁰ – 11²⁰	Coffee break
11²⁰ – 12⁴⁰	Papers presentation Chair: Milan Tuba, Singidunum University, Belgrade, Serbia
11 ²⁰ – 11 ⁴⁰	<ul style="list-style-type: none">• <i>Analysis of the Operating Costs of a Decentralized App in the Ethereum Blockchain, André Stollberger, Tobias Fertig, Andreas E. Schutz, Karsten Huffstadt, Nicholas H. Muller, University of Applied Sciences Wurzburg-Schweinfurt, Germany</i>
11 ⁴⁰ – 12 ⁰⁰	<ul style="list-style-type: none">• <i>Data classification and applications, Stela Caramihai, Marina Larisa Indrean, Ovidius University of Constanta, Romania</i>
12 ⁰⁰ – 12 ²⁰	<ul style="list-style-type: none">• <i>Educational Data Mining using Supervised Learning Techniques, Alexandru-Mihail Craciun, Babes-Bolyai University, Cluj-Napoca, Romania</i>
12 ²⁰ – 12 ⁴⁰	<ul style="list-style-type: none">• <i>Monitoring the player decision in strategy games, Mioara Hanzu, "Lucian Blaga" University of Sibiu, Romania</i>
12⁴⁰ – 14²⁰	Lunch break
14²⁰ – 15⁴⁰	Papers presentation Chair: Daniel Hunyadi, "Lucian Blaga" University of Sibiu, Romania
14 ²⁰ – 14 ⁴⁰	<ul style="list-style-type: none">• <i>Map Reduce in Hadoop – Word Count, Andrada Serban, Radu Toderutiu, Transilvania University of Brasov, Romania</i>
14 ⁴⁰ – 15 ⁰⁰	<ul style="list-style-type: none">• <i>DICOM image segmentation, Valentin Gabriel Craciun, Matei Florin</i>

15 ⁰⁰ – 15 ²⁰	<p>Graura, "Lucian Blaga" University of Sibiu, Romania</p> <ul style="list-style-type: none"> • <i>Spatial prediction and applications</i>, Marina Larisa Indrecan, Stela Caramihai, Ovidius University of Constanta, Romania • <i>MARC (Monitored Automated Remote Car)</i>, Christian Melchior, "Doamna Stanca" High School, Fagaras, Romania
15 ²⁰ – 15 ⁴⁰	
15⁴⁰-16⁰⁰	Coffee break
16⁰⁰ – 17²⁰	<p>Papers presentation Chair: Florin Stoica, "Lucian Blaga" University of Sibiu, Romania</p>
16 ⁰⁰ – 16 ²⁰	<ul style="list-style-type: none"> • <i>Stellar Pointer</i>, Eduard Traian Stefanescu, "Lucian Blaga" University of Sibiu, Romania • <i>Smart housing plan generator</i>, Luiza-Mihaela Coman, Babes-Bolyai University, Cluj-Napoca, Romania • <i>Simulation of rudimentary computer architecture</i>, Marian Marius Aglitoiu, Miruna Teodora Daian, Transilvania University of Brasov, Romania • <i>Image Classification by Convolutional Neural Networks</i>, Una Tuba, Milan III Tuba, Singidunum University, Belgrade, Serbia • <i>Oracle database</i>, Ivan Savov, Velik Klyontov, Radostina Aleksandrova, Marina Manova, Rositsa Pencheva, National Military School "Vasil Levski" Faculty of Artillery, Air Defence and CIS, Bulgaria
16 ²⁰ – 16 ⁴⁰	
16 ⁴⁰ – 17 ⁰⁰	
17 ⁰⁰ – 17 ²⁰	
17 ²⁰ – 17 ⁴⁰	
17⁴⁰ – 17⁵⁰	Closing ceremony