
Sixth International Conference on Applied Informatics
Imagination, Creativity, Design, Development
May 5-7, 2022, Sibiu, Romania

P R O G R A M

THURSDAY, May 05, 2022

**Faculty of Sciences,
Sibiu, Dr. I. Rațiu st., No. 5-7
2nd Floor, Room A27**

International Conference on Applied Informatics – ICDD 2022

organized by

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

9⁰⁰ – 9³⁰	Opening ceremony
9³⁰ – 10⁵⁰	Papers presentation
9 ³⁰ – 9 ⁵⁰	• <i>Yet Another Focus Stacking Method</i> , Andreas Siebert , University of Applied Sciences Landshut, Germany
9 ⁵⁰ – 10 ¹⁰	• <i>Learning by Playing Video Games</i> , Valentin Rusanda, Adrian Gheorghită Neagu, Ștefania Adriana Podeanu , Petroleum-Gas University of Ploiesti, Romania
10 ¹⁰ – 10 ³⁰	• <i>Creation of the 3D graphics elements in game engines</i> , Andrei-Daniel Mihai, Ramona-Antonela Bondă , Lucian Blaga University of Sibiu, Romania
10 ³⁰ – 10 ⁵⁰	• <i>Voice Activated Control System for Autonomous Robots</i> , Mihaela Pașca , Lucian Blaga University of Sibiu, Romania
10⁵⁰ – 11¹⁰	Coffee break
11¹⁰ – 12⁵⁰	Papers presentation
11 ¹⁰ – 11 ³⁰	• <i>Mobile application design for acquiring financial skills</i> , Daniela-Nicolia Patrut , Politehnica University of Timișoara, Romania
11 ³⁰ – 11 ⁵⁰	• <i>Using GANs to innovate creative industries: fashion and textile design</i> , Felix Husac , Lucian Blaga University of Sibiu, Romania
11 ⁵⁰ – 12 ¹⁰	• <i>Videos as Measure for Information Security Awareness at Fraunhofer Institute for Silicate Research</i> , Hakan Arda, Kristin Weber , University of Applied Sciences Wurzburg-Schweinfurt, Germany

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12 ¹⁰ – 12 ³⁰	<ul style="list-style-type: none"> Reasoning about a concurrent-based functional programming approach for studying the Software Transactional Memory method, Denis-Victor Cărăuș, Transilvania University of Brasov, Romania
12 ³⁰ – 12 ⁵⁰	<ul style="list-style-type: none"> The Simulation of Natural Behavior in Games Using Artificial Intelligence. Image Processing and Smart Input, Ramona-Antonela Bondă, Andrei-Daniel Mihai, Lucian Blaga University of Sibiu, Romania
13²⁰ – 14²⁰	Lunch
15⁰⁰ – 16²⁰	Papers presentation
15 ⁰⁰ – 15 ²⁰	<ul style="list-style-type: none"> Rating based system for optimizing the learning path, Marin Eusebiu Șerban, Lucian Blaga University of Sibiu, Romania
15 ²⁰ – 15 ⁴⁰	<ul style="list-style-type: none"> Automated system for home greenhouses, Sorin Ionut Conea, Vasile Alecsandri University of Bacău, Romania
15 ⁴⁰ – 16 ⁰⁰	<ul style="list-style-type: none"> Mirror's Mansion, Alexandru Serban Moldovan, Transilvania University of Brasov, Romania
16 ⁰⁰ – 16 ²⁰	<ul style="list-style-type: none"> The EU Digital COVID Certificate: A technical standpoint review, Vlad-Andrei Oleksik, Gheorghe Lazar National College, Sibiu, Romania
16²⁰ – 16⁴⁰	Coffee break
16⁴⁰ – 18⁰⁰	Papers presentation
16 ⁴⁰ – 17 ⁰⁰	<ul style="list-style-type: none"> Smart bicycle monitoring system, Luca-Dumitru Drîndea Bogdan-Ioan Oprișiu Mircea-Alexandru Răuțoiu, "Samuel von Brukenthal" National College, Sibiu, Romania
17 ⁰⁰ – 17 ²⁰	<ul style="list-style-type: none"> Role of Python in game development, Adrian Vulpeanu, Lucian Blaga University of Sibiu, Romania
17 ²⁰ – 17 ⁴⁰	<ul style="list-style-type: none"> Model-driven Software Development as the Key to RESTful Web Interfaces and Digitization, Matthias J. Keckl, Patrick B. M. Müller, Peter Braun, University of Applied Sciences Würzburg-Schweinfurt, Germany
17 ⁴⁰ – 18 ⁰⁰	<ul style="list-style-type: none"> On Designing and Implementing a Tomato Shape App for Android, Maxwell Hosler, Craig Akiri, Mircea Ionescu, Esther Van der Knaap, Sofia Visa, College of Wooster, College of Wooster, Assurant Labs, University of Georgia, College of Wooster, USA
18⁰⁰ – 19¹⁰	Dinner
19¹⁰ – 21⁰⁰	Sibiu by night (walking in the Sibiu downtown)

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FRIDAY, May 06, 2022

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9⁰⁰ – 11⁰⁰	Papers presentation
9 ⁰⁰ – 9 ²⁰	• <i>Technical presentation</i> , Gabriela Candea , Ropardo, Sibiu, Romania
9 ²⁰ – 9 ⁴⁰	• <i>Tuning Convolutional Neural Networks Hyperparameters</i> , Una Tuba, Ira Tuba , Singidunum University of Belgrade, Serbia
9 ⁴⁰ – 10 ⁰⁰	• <i>System for optimizing data storage</i> , Teodora Popa , Lucian Blaga University of Sibiu, Romania
10 ⁰⁰ – 10 ²⁰	• <i>Refining Color Cue Selection for Deep Image Colorization in the Context of Image Compression</i> , Daniel Ostertag Daniel Habermayr , University of Applied Sciences Landshut, Germany
10 ²⁰ – 10 ⁴⁰	• <i>Traveling Salesman Problem Solving Methods and Applications</i> , Daniel Mariuta , Lucian Blaga University of Sibiu, Romania
10 ⁴⁰ – 11 ⁰⁰	• <i>Kyberpunk - An Arcade Game</i> , Mara Vosloban , Transilvania University of Brasov, Romania
11⁰⁰ – 11²⁰	Coffee break
11²⁰ – 12¹⁰	Multimedia posters presentation (on site)
11 ²⁰ – 11 ³⁰	• <i>AirQualityNow</i> , Bogdan Barna , "Samuel von Brukenthal" National College, Sibiu, Romania
11 ³⁰ – 11 ⁴⁰	• <i>UP!</i> , Matei Cristian Steavu , Radu Negru National College, Fagaras, Romania
11 ⁴⁰ – 11 ⁵⁰	• <i>KeyUp</i> , Matei Ioan Marin , Gheorghe Lazar National College, Sibiu, Romania
11 ⁵⁰ – 12 ⁰⁰	• <i>Game of Life</i> , Tudor Terian-Dan , Gheorghe Lazar National College, Sibiu, Romania
12 ⁰⁰ – 12 ¹⁰	• <i>Game of Checkers</i> , Deborah Ruxandra Maria Florea , "Samuel von Brukenthal" National College, Sibiu, Romania

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12³⁰ – 13³⁰	Lunch
15⁰⁰ - 17³⁰	Closing ceremony Open Air Museum Astra (departure point at Faculty of Sciences)
18⁰⁰ - 20⁰⁰	Official dinner

SATURDAY, May 07, 2022

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8³⁰ – 19³⁰	Trip. Sibiu - Alba Iulia (The Citadel Alba-Carolina, Reunification Cathedral, downtown) - Hunedoara (Corvins' Castel) - Arboretum Simeria - Sibiu
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