

# OUTLINE PROGRAM

**THURSDAY, May 17, 2018**

Faculty of Sciences,  
Sibiu, Dr. I. Rațiu st., No. 5-7  
1<sup>st</sup> Floor, Room A18

8 <sup>30</sup> – 9 <sup>30</sup>	<b>Registration</b>
9 <sup>30</sup> – 9 <sup>50</sup>	<b>Opening ceremony</b>
9 <sup>50</sup> – 10 <sup>10</sup>	<b>IT companies presentations (ProIT)</b>
10 <sup>10</sup> – 11 <sup>50</sup>	<b>Papers presentation</b>
11 <sup>50</sup> – 12 <sup>00</sup>	<b>Coffee break</b>
12 <sup>00</sup> – 13 <sup>40</sup>	<b>Papers presentation</b>
13 <sup>50</sup> – 15 <sup>00</sup>	<b>Lunch – University canteen</b>
15 <sup>00</sup> – 16 <sup>20</sup>	<b>Papers presentation</b>
16 <sup>20</sup> – 16 <sup>30</sup>	<b>Coffee break</b>
16 <sup>30</sup> – 18 <sup>10</sup>	<b>Papers presentation</b>
18 <sup>10</sup> – 19 <sup>00</sup>	<b>Pizza break</b>
19 <sup>00</sup>	<b>Social program:</b> <b>Sibiu by night. Visit of the old city center</b> <b>Sibiu Jazz Festival. Sibiu Big Square. <a href="http://sibiujazz.ro/ro/program/">http://sibiujazz.ro/ro/program/</a></b>

## FRIDAY, May 18, 2018

Faculty of Sciences,  
Sibiu, Dr. I. Rațiu st., No. 5-7  
1<sup>st</sup> Floor, Room A18

- 9<sup>00</sup> – 10<sup>00</sup> **Papers presentation**
- 10<sup>00</sup> – 10<sup>20</sup> **IT companies presentations (NTT Data)**
- 10<sup>20</sup> – 10<sup>40</sup> **Coffee break**
- 10<sup>40</sup> – 12<sup>00</sup> **Papers presentation**
- 12<sup>00</sup> – 12<sup>20</sup> **Coffee break**
- 12<sup>20</sup> – 14<sup>20</sup> **Papers presentation**
- 14<sup>20</sup>-15<sup>30</sup> **Lunch – University canteen**
- 16<sup>45</sup> – 17<sup>15</sup> **Official closing and awards ceremony - Faculty of Sciences, A18 Room**
- 17<sup>45</sup> - 20<sup>30</sup> **Official conference dinner - University canteen**

## SATURDAY, May 19, 2018

- 8<sup>00</sup> - 20<sup>00</sup> **Trip on the route Sibiu – Făgăraș - Bran Castle (Dracula`s Castle) – The Rupestra Monastery Șinca Veche - Sibiu**
- 20<sup>00</sup> - 23<sup>00</sup> **Social program:**

Sibiu Light Festival (Sibiu, Sub Arini Park)

<http://sibiunews.net/articole/21-special/18789-festivalul-luminii-la-sibiu.html>

Sibiu Jazz Festival (Sibiu Big Square) <http://sibiujazz.ro/ro/program/>

# P R O G R A M

**THURSDAY, May 17, 2018**

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8<sup>30</sup> – 9<sup>30</sup>      **Registration**

9<sup>30</sup> – 9<sup>50</sup>      **Opening ceremony**

9<sup>50</sup> – 10<sup>10</sup>     **IT companies presentations (ProIT)**

10<sup>10</sup> – 11<sup>50</sup>    **Papers presentation – Chair Prof. Dr. Dana Simian**

- *Autonomous navigation system based on data acquisition*, **Constantin Robert Ciolompu**, "Lucian Blaga" University of Sibiu, Romania
- *Affinity Propagation as an algorithm for segmentation problems in business intelligence*, **Moritz Heusinger**, University of Applied Sciences Würzburg–Schweinfurt, Germany
- *Termohub – IoT web service*, **Borislav Kosharov**, University of Ruse, Bulgaria
- *Services marketplace web app*, **Gheorghe-Cătălin Crișan**, "Lucian Blaga" University of Sibiu, Romania
- *Online Rendering Tools and Design in Blender*, **Alexandru Pinte**, "Emil Racovita" College of Cluj-Napoca, Romania

11<sup>50</sup> – 12<sup>00</sup>     **Coffee break**

12<sup>00</sup> – 13<sup>40</sup>    **Papers presentation – Chair Prof. Dr. Milan Tuba**

- *Smart app for your smart home*, **Maria Alexandra Băilă**, "Lucian Blaga" University of Sibiu, Romania
- *Automated Car Parking System*, **Andrei-Timotei Ardelean, Marius Ciocan**, Transilvania University of Brașov, Romania
- *Secret synergy effects from physics and predictive analytics - The future of mobility?*, **Wolfgang Heinz**, University of Applied Sciences Würzburg–Schweinfurt, Germany
- *Implementing a Local Grid-based System applied on E-Commerce web crawling*, **Elena Hinoveanu**, University of Craiova, Romania
- *Application of component-oriented programming and MVC pattern in development of orthopedic salon information system*, **Andrey Kabanov**,

**Alexey Churkin**, Department of Applied Informatics in Economics,  
Russia

13<sup>50</sup> – 15<sup>00</sup> **Lunch – University canteen**

15<sup>00</sup> – 16<sup>20</sup> **Papers presentation – Chair Prof. Dr. Peter Braun**

- *Smart Parking Solution*, **Vadim Fîntînari, Zoltan Gyulai-Nagy**, Transilvania University of Braşov, Romania
- *Treasureland – 2D platform game*, **Iskren Ivanov**, University of Ruse, Bulgaria
- *An efficient FPGA implementation of a deep learning approach for the classification of saccadic movements in clinical electro-oculography*, **Carlos Cano-Domingo**, University of Málaga, Spain
- *Modeling of a life cycle of innovation project*, **Asaf Ali Khan**, Siena State University, Italy

16<sup>20</sup> – 16<sup>30</sup> **Coffee break**

16<sup>30</sup> – 18<sup>10</sup> **Papers presentation – Chair Assoc. Prof. Laura Stoica**

- *Decompression Algorithms – RGBM and VPM, a comparative approach*, **Alexandru Crăciun**, "Iuliu Haşeganu" University of Medicine and Pharmacy of Cluj-Napoca, Romania
- *Eco-Educational Game: Wedoo*, **Mihai Sandu**, University of Craiova, Romania
- *Rigid image registration framework based on grid search*, **Ira Tuba, Milan III Tuba, Una Tuba**, Singidunum University, Serbia
- *2D Videogame, turn based strategy in Unity*, **Mihail Juravlea**, "Lucian Blaga" University of Sibiu, Romania
- *Chat bot series for exam preparation*, **Dmytro Khapilin, Artem Sierikov, Dmytro Veretelnyk**, Simon Kuznets Kharkiv National University of Economics International Economics and Kharkiv National University of Radioelectronics, Ukraine

18<sup>10</sup> – 19<sup>00</sup> **Pizza break**

19<sup>00</sup> **Social program:**

**Sibiu by night. Visit of the old city center**

**Sibiu Jazz Festival. Sibiu Big Square. <http://sibiujazz.ro/ro/program/>**

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9<sup>00</sup> – 10<sup>00</sup>

### Papers presentation – Chair Lecturer **Dr. Daniel Hunyadi**

- *Framework for medical digital image enchantment*, **Una Tuba, Ira Tuba, Milan III Tuba**, Singidunum University, Serbia
- *Emergency Situations*, **Nicolae Lungu**, "Lucian Blaga" University of Sibiu, Romania
- *A generic Scratch interpreter for embedded systems*, **Alexander M. Frühwald**, University of Applied Sciences Wuerzburg-Schweinfurt, Germany

10<sup>00</sup> – 10<sup>20</sup>

### IT companies presentations (NTT Data)

10<sup>20</sup> – 10<sup>40</sup>

### Coffee break

10<sup>40</sup> – 12<sup>00</sup>

### Papers presentation – Chair Prof. Dr. Arndt Balzer

- *AI application using Mindstorms robot*, **Andrei Vass, Stefan Bereghici**, Technical University of Cluj-Napoca - North University Center of Baia Mare, Romania
- *Food Ordering System*, **Darius Hațegan**, "Lucian Blaga" University of Sibiu, Romania
- *Prediction of project task execution time by clustering and classification methods*, **Nataliya Bobrovskaya**, Moscow Institute of Physics and Technology, Russia
- *The Pictures of Chaos*, **Eduard Traian Ștefănescu, Anastasia Tica, Marek Pruteanu-Popescu**, "Lucian Blaga" University of Sibiu, Romania

12<sup>00</sup> – 12<sup>20</sup>

### Coffee break

12<sup>20</sup> – 14<sup>20</sup>

### Papers presentation – Chair Prof. dr. Dana Simian

- *Bypassing Antiviruses in 2018*, **Svetoslav Hadziivanov**, University of Ruse, Bulgaria
- *Digital interactions based on brainwaves signals*, **Robert Săndică, Petrică Bota**, "Lucian Blaga" University of Sibiu, Romania
- *Student Life*, **Alexandru-Cristian Pop, Bogdan Stefan Ungur, Vladut Adrian Timoce, Lakatos Tibor Alfoldi**, Technical University of Cluj-Napoca - North University Center of Baia Mare, Romania

- *Information Security Awareness: It's Time to Change Minds!*, **Andreas E. Schütz**, University of Applied Sciences Würzburg-Schweinfurt, Germany
- *Cyber Security: strategic people risk management*, **Eugen Cojocaru**, GSD, Romania
- *Medical Image Classification Based on Pixel Intensity Features*, **Bogdan Dumitru Mateis Boruz**, University of Craiova, Romania

14<sup>20</sup>-15<sup>30</sup> **Lunch – University canteen**

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