

# 6<sup>th</sup> International Student Workshop (18<sup>th</sup> Polish British Workshop)

## Program

8 June 2018

### SESSION 1 – 9:00 – 11:00

Chair: **Slawomir Ziemian**

Secretary: Tomasz Kucofaj

#### Regular session

No	Speaker	Title
1	Tanvir Allidina	Dynamic Map updates through communication for Autonomous Vehicles
2	Adam Loch	Control optimization of stoker-fired boiler using machine learning and deep learning algorithms
3	Jardar Tøn	An analysis of on-chain lightning network transactions in the Bitcoin blockchain
4	Rafal Leszczyk, Mikolaj Kowal	Eco driving system using artificial intelligence

#### Invited presentation

**Anna Zakrzewska** (Nokia Bell Labs, Dublin, Ireland)

**Presentation Skills in a Nutshell; Mini Workshop**

---

\* Twenty minutes presentation time per regular paper (including discussion)

\*\* Projection of slides directly from computer files (using program Microsoft PowerPoint) are preferred. Notebook and projector for these slides will be available.

## **Program**

**8 June 2018**

### **SESSION 2 – 11:30 – 13:00**

Chair: **Andrzej Zolnierek**

Secretary: Sivo Daskalov

#### **Regular session**

<b>No</b>	<b>Speaker</b>	<b>Title</b>
<b>1</b>	Szymon Wojciechowski	<b>Approach to implement classifier based on Center of mass calculations for classes distribution in subspace projections</b>
<b>2</b>	Mayur Damania	<b>Control of pump operation by feedback rules derived from optimal time schedules</b>
<b>3</b>	Adrian Urbaniak	<b>Mediamarkt's "take what you want" contest as an example of discrete knapsack problem</b>

#### **Invited presentation**

**Artur Pohoski (Metegrity Visions, Edmonton, Canada)**

**Risk Based Inspection**

---

*\* Twenty minutes presentation time per regular paper (including discussion)*

*\*\* Projection of slides directly from computer files (using program Microsoft PowerPoint) are preferred. Notebook and projector for these slides will be available.*

# **6<sup>th</sup> International Student Workshop (18<sup>th</sup> Polish British Workshop)**

## **Program**

**8 June 2018**

### **SESSION 3 – 15:00 – 16:00**

Chair: **Keith Burnham**

Secretary: Radoslaw Rudek

#### **Regular session**

<b>No</b>	<b>Speaker</b>	<b>Title</b>
<b>1</b>	Aleksandar Georgiev, Daniel Atanasov	<b>Approach for social media reaction analysis</b>
<b>2</b>	Karolina Polanska	<b>Applying Monte Carlo Tree Search algorithm for Optimization of Hyperparameters of Neural Network Training</b>

---

*\* Twenty minutes presentation time per regular paper (including discussion)*

*\*\* Projection of slides directly from computer files (using program Microsoft PowerPoint) are preferred. Notebook and projector for these slides will be available.*

# 6<sup>th</sup> International Student Workshop (18<sup>th</sup> Polish British Workshop)

## Program

9 June 2018

### SESSION 4 – 9:00 – 11:00

Chair: **Anna Strzelecka**

Secretary: Przemyslaw Ryba

#### Regular session

No	Speaker	Title
1	Anahid Naghibzadeh-Jalali	Sound Event Detection with Deep Neural Networks
2	Pawel Zyblewski	Clustering-based classifier ensemble pruning
3	Damian Glowacki, Milesz Dunikowski	Searching for the shortest route - analysis of routing protocols
4	Tomasz Kubrycht	Development of an active identification method for multiple bursts in multiple inlets DMAs

#### Invited presentation

**Mariusz Nowostawski** (Norwegian University of Science and Technology, Gjøvik, Norway)

**Security Vulnerabilities in Ethereum Smart Contracts**

---

\* Twenty minutes presentation time per regular paper (including discussion)

\*\* Projection of slides directly from computer files (using program Microsoft PowerPoint) are preferred. Notebook and projector for these slides will be available.

# 6<sup>th</sup> International Student Workshop (18<sup>th</sup> Polish British Workshop)

## Program

9 June 2018

### SESSION 5 – 11:30 – 13:00

Chair: **Daniel Paluszczyszyn**

Secretary: **Pawel Ksieniewicz**

#### Regular session

No	Speaker	Title
1	Arun Mambazhasseri Divakaran	<b>Thermal Analysis of Li-ion Battery module for Electric Vehicles</b>
2	Martyna Lagozna, Milosz Bialczak	<b>American sign language recognition</b>
3	Dominika Sulot	<b>A method to improve the quality of segmentation in hyperspectral imaging</b>

#### Invited presentation

<b>Tomasz Miksa</b> (Vienna University of Technology, Vienna, Austria) <b>Albanian weddings, chemical compounds and earth observation</b>
--

---

\* Twenty minutes presentation time per regular paper (including discussion)

\*\* Projection of slides directly from computer files (using program Microsoft PowerPoint) are preferred. Notebook and projector for these slides will be available.

# **6<sup>th</sup> International Student Workshop (18<sup>th</sup> Polish British Workshop)**

## **Program**

**9 June 2018**

### **SESSION 6 – 13:30 – 14:30**

**Chairs: Iwona Pozniak-Koszalka, Leszek Koszalka**

**Secretary: Tomasz Kucofaj**

#### **Special session**

<b>No</b>	<b>Speaker</b>	<b>Title</b>
<b>1</b>	<b>Sivo Daskalov</b>	<b>Technical University of Varna</b>
<b>2</b>	<b>Anna Strzelecka</b>	<b>De Montfort University</b>
<b>3</b>	<b>Keith Burhnam</b>	<b>University of Wolverhampton</b>
<b>4</b>	<b>Tomasz Miksa</b>	<b>Vienna University of Technology</b>
<b>5</b>	<b>Mariusz Nowostawski</b>	<b>Norwegian University of Science and Technology</b>
<b>6</b>	<b>Radoslaw Rudek</b>	<b>New research opportunities</b>

---

*\* Twenty minutes presentation time per regular paper (including discussion)*

*\*\* Projection of slides directly from computer files (using program Microsoft PowerPoint) are preferred. Notebook and projector for these slides will be available.*