

Image Processing & Communications 2018 CONFERENCE PROGRAMME

Wednesday 14/11/2018

19.00 –	Welcome Dinner
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Thursday 15/11/2018

9.00 – 9.15	Opening / Welcome (<i>Michal Choras/Tomasz Marciniak</i>)
9.15 – 10.00	Plenary Lecture – prof. Manuel Grana <i>CHAIR: Tomasz Marciniak (Dean for Science)</i>
10.00 – 10.20	Coffee
10.20	Session: IMAGE PROCESSING <i>CHAIR: Manuel Grana</i>
10.20 – 10.40	Development of a mobile robot prototype based on an embedded system for mapping generation and path planning <i>Enrique Garcia, Joel Contreras, Edson Olmedo, Hector Vargas, Luis Rosales and Filiberto Candia</i>
10.40 – 11.00	Using stereo-photogrammetry for interiors reconstruction in 3D game development <i>Mariusz Szwoch, Adam L. Kaczmarek, Dariusz Bartoszewski</i>
11.00 – 11.20	The influence of object refining in digital pathology <i>Łukasz Roszkowiak, Anna Korzyńska, Krzysztof Siemion and Dorota Pijanowska</i>
11.20 – 11.40	Modelling of objects behaviour for their re-identification in multi-camera surveillance system employing particle filters and flow graphs <i>Karol Lisowski, Andrzej Czyżewski</i>
11.40 – 12.00	Fast adaptive binarization with background estimation for non-uniformly lightened document images <i>Hubert Michalak, Krzysztof Okarma</i>
12.00	Posters: COMMUNICATIONS <i>CHAIR: Jens Myrup Pedersen</i>
12.00 – 13.00	The rough set analysis for malicious web campaigns identification <i>Michał Kruczkowski, Mirosław Miciak</i> Interference-aware virtual machine placement: a survey <i>S. Amri et al.</i> System architecture for real-time comparison of audio streams for broadcast supervision <i>Jakub Stankowski, Mateusz Lorkiewicz and Krzysztof Klimaszewski</i> The criteria for IoT architecture development <i>Łukasz Apiecionek</i> Sparse autoencoders for unsupervised netflow data classification <i>Rafał Kozik, Marek Pawlicki and Michał Choraś</i> The problem of sharing IoT services within one smart home infrastructure <i>Piotr Lech</i>
13.15	Lunch (University Restaurant)
14.30 –	Excursion and social dinner

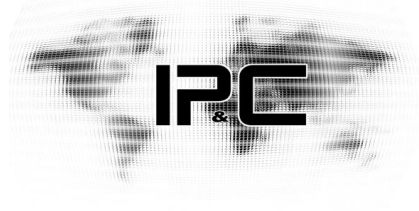
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Friday 16/11/2018

9.30 – 10.15	<p>Plenary Lecture – prof. Robert Burduk <i>CHAIR: prof. Krzysztof Okarma</i></p>
10.15 – 10.40	<p>Coffee</p>
	<p>Session: COMMUNICATIONS <i>CHAIR: Rafał Kozik</i></p>
10.40 – 11.00	<p>Software-defined automatization of Virtual Local Area Network load balancing in virtual environment <i>Artur Sierszeń, Sławomir Przyłucki</i></p>
11.00 – 11.20	<p>Modified TEEN protocol in Wireless Sensor Network using KNN algorithm <i>Abdulla Juwaied, Lidia Jackowska-Strumiłło and Artur Sierszeń</i></p>
11.20 – 11.40	<p>Network self-healing <i>Emilia Voicu, Mihai Carabas</i></p>
11.40 – 12.00	<p>Assessing usefulness of blacklists without the ground truth <i>Egon Kidmose, Kristian Gausel, Søren Brandbyge and Jens Myrup Pedersen</i></p>
12.00 – 12.20	<p>Monitoring – the IoT monitoring tool for fire brigades <i>Łukasz Apiecionek, Udo Krieger</i></p>
12.20 – 12.40	<p>Switching network protocols to improve communication performance in public clouds <i>Sebastian Łaskawiec, Michał Choraś and Rafał Kozik</i></p>
12.40	<p>Posters: IMAGE PROCESSING <i>CHAIR: prof. Robert Burduk</i></p>
12.40 – 13.30	<p>Football players pose estimation <i>Michał Sypetkowski, Grzegorz Kurzejamski, Grzegorz Sarwas</i></p> <p>Reliability of local ground truth data for image quality metric assessment <i>Rafał Piórkowski, Radosław Mantiuk</i></p> <p>Text entry by rotary head movements <i>Adam Nowosielski</i></p> <p>Large LED displays panel control using splitted PWM <i>Przemysław Mazurek</i></p> <p>Air-gap data transmission using backlight modulation of screen <i>Dawid Bąk, Przemysław Mazurek</i></p> <p>Integration of linear SVM classifiers in geometric space using the median <i>Robert Burduk, Jędrzej Biedrzycki</i></p> <p>Using different information channels for affect-aware video games – a case study <i>Mariusz Szwoch, Wioletta Szwoch</i></p> <p>Automatic colour independent quality evaluation in 3D printed flat surfaces based on CLAHE and Hough transform <i>Jarosław Fastowicz, Krzysztof Okarma</i></p> <p>Using segmentation priors to improve the video surveillance person re-identification accuracy <i>Dominik Pieczyński, Marek Kraft and Michał Fularz</i></p> <p>Half profile face image clustering based on feature points <i>Grzegorz Sarwas, Sławomir Skonieczny</i></p> <p>Video processing and analysis for endoscopy-based internal pipeline inspection <i>Nafaa Nacereddine, Aissa Boulmerka, Nadia Mhamda</i></p>

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13.30	<i>Closing</i>
13.45	<i>Lunch (University Restaurant)</i>