

# Conferences

## 2022

- **Brodzicki A., Kucharski D., Piekarski M., Kostuch A., Jaworek-Korjakowska J.:** Deep neural network interpretability methods for supervised and unsupervised problems, PP-RAI'2022: proceedings of the 3rd Polish conference on Artificial intelligence, Gdynia, 2022
- **Piekarski M.:** Deep Neural Network for Beam Profile Classification in Synchrotron, International Beam Instrumentation Conference, Kraków, 2022
- **Kucharski D., Kostuch A., Brodzicki A., Noworolnik F., Jaworek-Korjakowska J.:** DFU-Ens: End-to-End Diabetic Foot Ulcer Segmentation Framework with Vision Transformer Based Detection, Proceedings of the 25th International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI), Singapore, 2022
- **Jaworek-Korjakowska, J., Wójcicka A., Kucharski D., Brodzicki A.,** Kendrick C., Cassidy B., Hoon Yap M.: Skin\_Hair dataset: Setting the benchmark for effective hair inpainting methods for improving the image quality of dermoscopic images, Proceedings of the 2022 European Conference on Computer Vision (ECCV), Tel-Aviv, 2022

## 2021

- [The IEEE Conference on Computer Vision and Pattern Recognition \(CVPR\) 2021 3rd Workshop on Safe Artificial Intelligence for Automated Driving \(SAIAD\)](#)  
**J. Jaworek-Korjakowska, A. Kostuch:** *SafeSO: Interpretable and Explainable Deep Learning Approach for Seat Occupancy Classification in Vehicle Interior*<sup>1)</sup>
- [The IEEE Conference on Computer Vision and Pattern Recognition \(CVPR\) 2021 - Sixth ISIC Skin Image Analysis Workshop](#) - **J. Jaworek-Korjakowska** - program committee and serving as a reviewer

## 2019

- [The IEEE Conference on Computer Vision and Pattern Recognition \(CVPR\) 2019](#) – A\* conference on CORE list  
Honorable Mention Award **Jaworek-Korjakowska J., Kłeczek P.:** *Melanoma Thickness Prediction Based on Convolutional Neural Network With VGG-19 Model Transfer Learning*<sup>2)</sup>
- [Tango Meeting 2019](#)  
**Michał Piekarski:** *Deep Neural Network for Anomaly Detection in Multivariate Signals*
- [PP-RAI'2019: Polskie Porozumienie na rzecz Rozwoju Sztucznej Inteligencji](#)  
**Jaworek-Korjakowska J., Brodzicki A., Kucharski D., Piekarski M.:** *Break the curse of small datasets in computer vision tasks with transfer learning methods*<sup>3)</sup>

## 2018

- [SPIE Medical Imaging 2018](#) (Houston, TX, USA)  
**Paweł Kłeczek**: *Segmentation of black ink and melanin in skin histopathological images*<sup>4)</sup>

## 2017

- [ICAISC 2017 : International Conference on Artificial Intelligence and Soft Computing](#) (Zakopane, Poland)  
**Joanna Jaworek-Korjakowska, Paweł Kłeczek** (poster): *Classification of Physiological Data for Emotion Recognition*<sup>5)</sup>  
**Joanna Jaworek-Korjakowska, Paweł Kłeczek** (poster): *Automatic Detection of Blue-Whitish Veil as the Primary Dermoscopic Feature*<sup>6)</sup>
- [20-th Polish Conference on Biocybernetics and Biomedical Engineering](#) (Kraków, Poland)  
**Paweł Kłeczek** (poster): *The accuracy of H&E stain unmixing techniques when estimating relative stain concentrations*<sup>7)</sup>
- [SPIE Medical Imaging 2017](#) (Orlando, FL, USA)  
**Paweł Kłeczek** (poster): *Automated epidermis segmentation in histopathological images of human skin stained with hematoxylin and eosin*<sup>8)</sup>

## 2014

- [11th International Conference on Cellular Automata for Research and Industry -- ACRI 2014](#) (Kraków, Poland)  
**Paweł Kłeczek**: *Simulation of Pedestrians Behavior in a Shopping Mall*<sup>9)</sup>

## 2013

- [IEEE International Conference on Image Processing \(ICIP 2013\)](#) – CORE B  
**J. Jaworek-Korjakowska**: *Assessment of dots and globules in dermoscopic color images as one of the 7-point check list criteria*<sup>10)</sup>

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