



Faculty IV: Science and Technology Research Group for Pattern Recognition

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Recommendation Letter for Dr. Rafał Doniec

To Whom It May Concern,

With this letter I would like to confirm that Dr. Rafał Doniec from the University of Economics in Katowice visited the Research Group for Pattern Recognition at the University of Siegen in the time period from July 1 to July 31, 2017, as well as from July 1 to August 31, 2018. During these scientific internships, he initiated collaborative research activities on automatic driving context classification using sensors integrated in smartglasses. This research activity is aligned to the project LEICAR (Learn-based Multimodal Interpretation of Sensor Data for Event Recognition in Carsharing) funded by the German Federal Ministry of Education and Research and currently run in Siegen by the Research Group for Pattern Recognition.

Having access to the infrastructure and knowledge of the Research Group for Pattern Recognition, Rafał further developed the idea of the LEICAR project towards a sensor-based support system for driving schools. His scientific vision includes a quantitative assessment of the driving school students' learning progress based exclusively on sensor data recorded by wearables like smartphones, smartwatches, and smartglasses. The comprehensive sensor data analysis will be performed in real-time by machine learning algorithms to be developed within this collaborative activity. Rafał's scientific vision in this area has a potential for a significant scientific contribution leading to a series of visible journal publications and a collaborative research project proposal.

Dr. Doniec works in a highly independent way and is able to cope with changing demands in a challenging research environments. He cooperated harmonically with other scientists from the Research Group for Pattern Recognition. I have been completely satisfied with his achievements and am looking very forward to continue our scientific collaboration.

With best regards,

Marcin Grzegorzek