ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO THE PRESENTATION ABOUT THE WORK-PLACEMENT

Human Motion Prediction with a Tensor based regression model

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Chaired by Jürgen Pilz | Department of Statistics

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https://classroom.aau.at/math-stat

ABSTRACT

My work placement took place at Joanneum Research, more precisely at the department of Data analytics and statistical modeling, where I dealt with human motion data in an industrial setting. The goal of my employment was to predict certain time frames of the movement of a human in the future on the basis of past movement. The idea is that the interaction between robots and humans in an industrial workplace should be made safer and to prevent possible accidents. A tensor-based regression model has been implemented to meet this challenge.

We hope to see you there!