

Using Artificial Neural Networks to Predict Avatar Movement in VR

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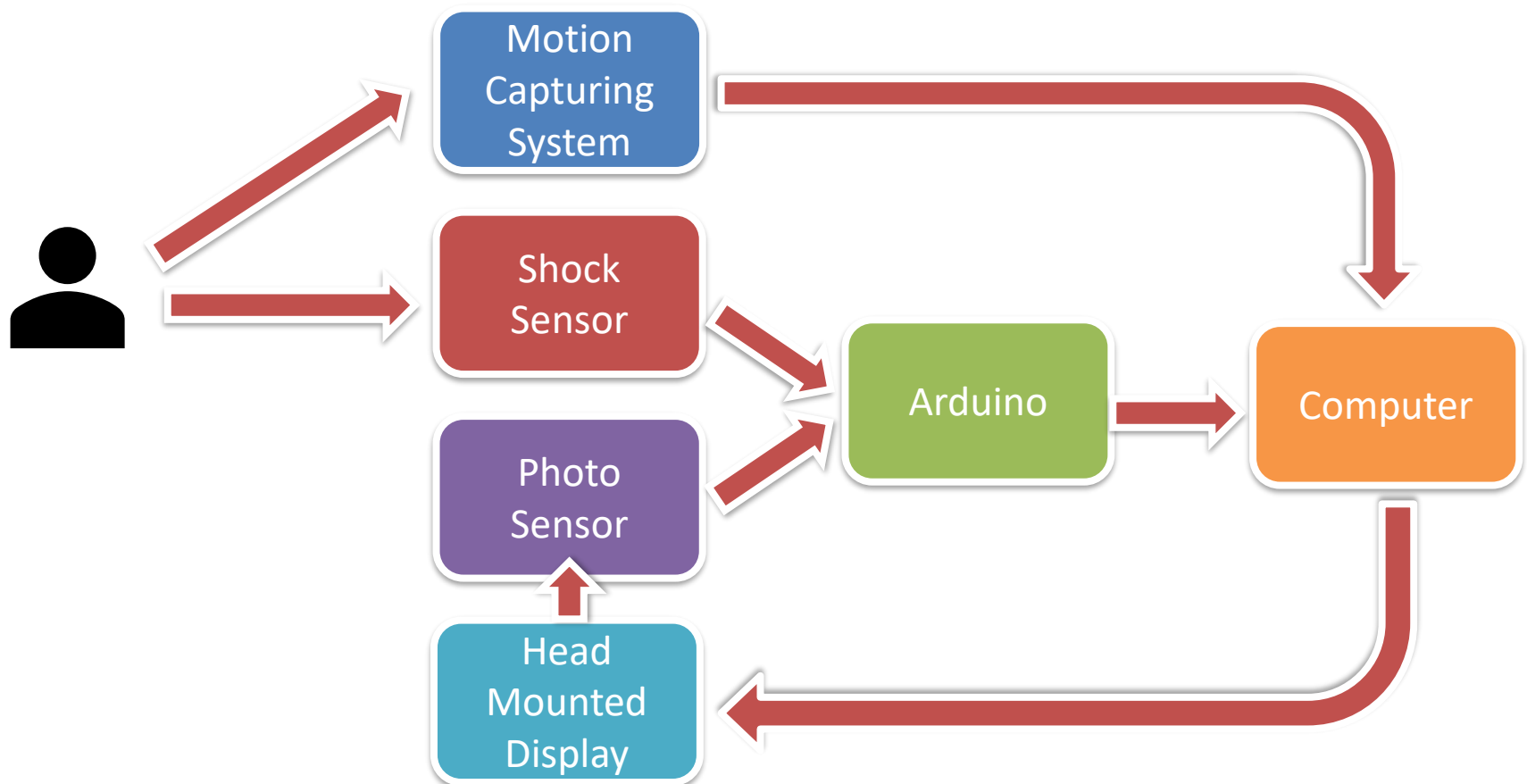
Lehrstuhl Medieninformatik

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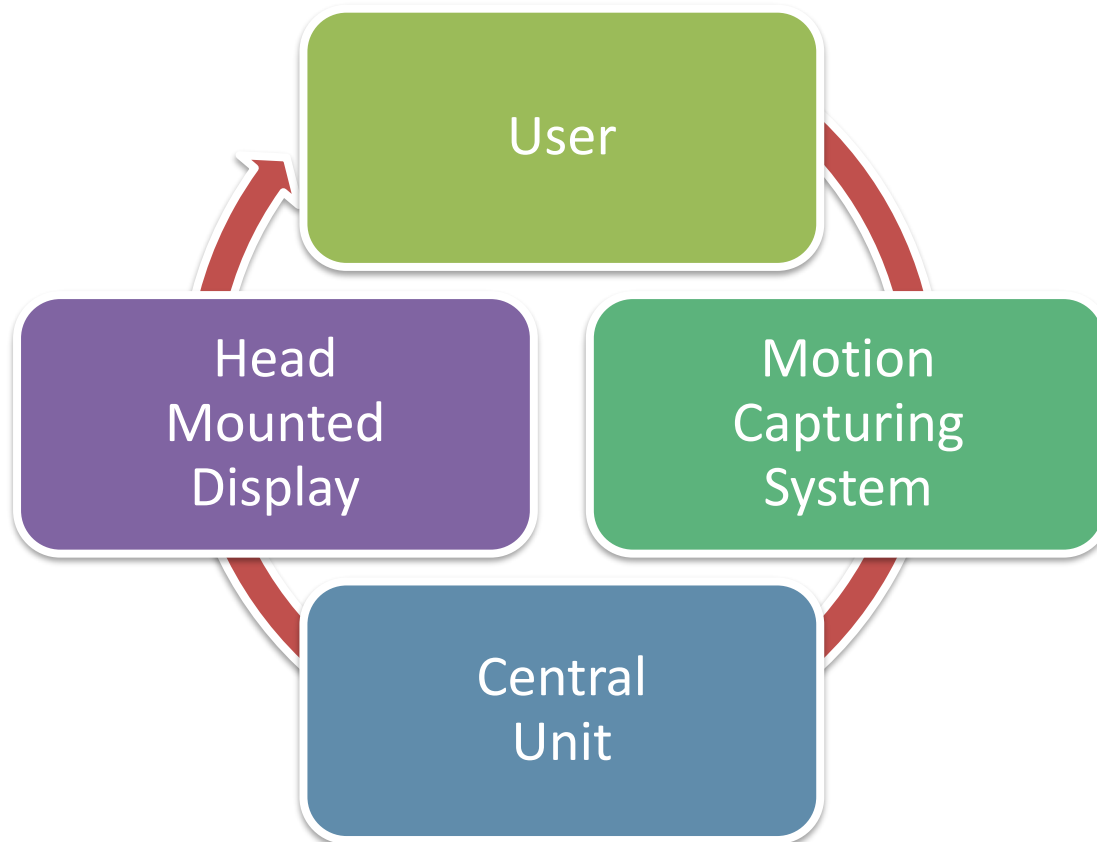


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Latency Test Framework



Movement Prediction System



Study Design

- Does the reduction of latency in VR systems effect the presence and immersion of the user?
- Two user study groups
- Evaluation by Igroup Presence Questionnaire (IPQ)

Next Steps

- Building and testing latency test framework
- Motion data acquisition framework
- Gathering test data for NN training

**Vielen Dank
für Ihre Aufmerksamkeit!**

