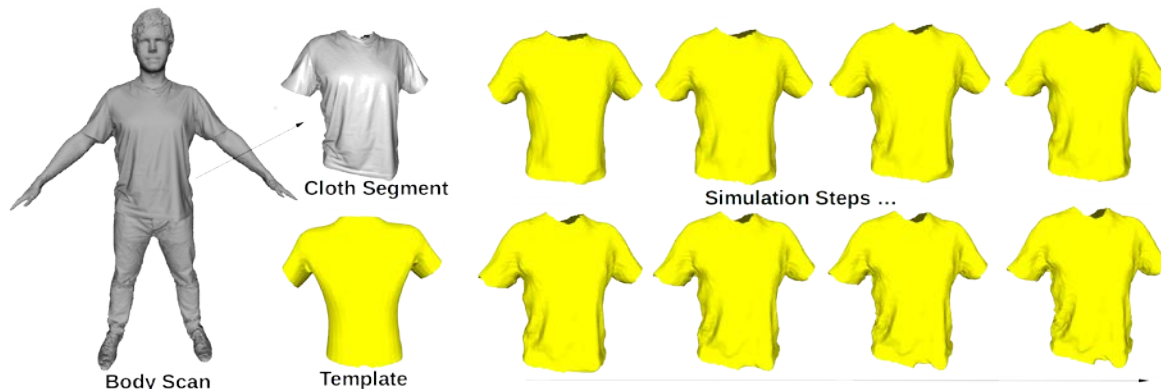


The Department „Augmented Vision“ (Erweiterte Realität) of DFKI offers a Master Thesis in Kaiserslautern, Germany, as

Master Thesis (Research Assistance) in the area of Physics-Based Algorithms in Cloth Simulation



The Department of „Augmented Vision“ strongly connects Image Processing, Computer Vision and Augmented Reality. In the current activities of the department, researchers are interested to simulate loose garments for human body in motion. This analysis will solve many problems like virtual try-on, accurate tailoring and fitting of cloths.

Your qualifications and skills:

- Understanding of Linear Algebra, Differential Geometry and Optimization methods
- Relevant experience in the field of Computer Vision and Machine Learning (accomplished lectures/projects/seminars)
- Very good programming skills in C/C++ (CUDA is desirable), Python in Linux
- Knowledge in Scientific Visualization and Simulation are bonus

High motivation is expected as well as flexibility, high engagement and cooperative working skills in an innovative team.

The department “Augmented Vision” offers excellent working conditions and the opportunity to become part of a challenging large-scale, multidisciplinary European Research Infrastructure project. More information about our department can be found at: <http://av.dfki.de>.

Severely disabled applicants with similar technical qualification will be privileged. DFKI intends to increase the percentage of women in research and invites women especially to apply. We are looking forward to your meaningful application documents (Resume, Motivation Letter, Current Transcript). Please contact with **Sk Aziz Ali, DFKI, Trippstadter Straße 122, 67663 Kaiserslautern**, or send application in electronic form to Sk_Aziz.Ali@dfki.de.