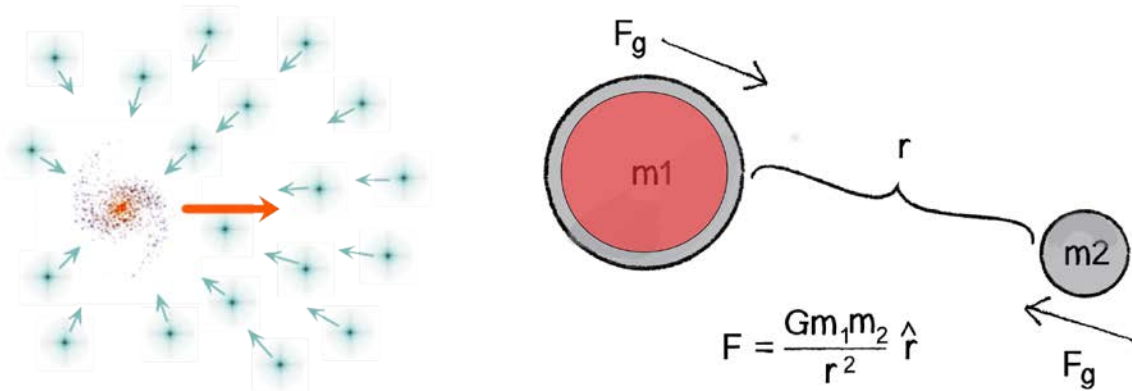


The Department „Augmented Vision“ (Erweiterte Realität) of DFKI offers a Master Thesis in Kaiserslautern, Germany, as

Master Thesis (Research Assistance)

in the area of Algorithms for Discrete Particle 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 discrete particle system interaction using physics laws and develop a lightweight application. This analysis will magnify optimization techniques used many computer vision tasks.

Your qualifications and skills:

- Interest in High Performance Computing
- Experience in the field of Computer Vision (accomplished lectures/projects/seminars)
- Very good programming skills in C/C++ and CUDA in Linux
- Knowledge/Passion in Scientific Visualization, Physics and Simulation are bonuses

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.