Prof. Ralf Reulke

Faculty of Mathematics and Natural Sciences
Department of Computer Science
Computer Vision



Expertise

As professor of the chair of Computer Vision professor Reulke's research is focused on classical methods of image processing and 3D reconstruction as well as modern approaches to machine learning. Typical areas of application are object detection and tracking of people and vehicles in public areas, the three-dimensional detection of environment, and the characterisation of sensors for these tasks. The applications relate to terrestrial camera systems, as well as optical sensors on airborne and space platforms. Simultaneously, we cooperate with a large number of SMEs in the Berlin area.

Topics / Trends

Optics
Robotics & Artificial Intelligence
Urbanisation & Mega Cities

Industries

Aerospace
Mobility & Logistics
Optical Instruments & Precision Engineering

Mentor for Startup

Scaneca UG (haftungsbeschränkt)
VINS 3D GmbH

Humboldt-Innovation GmbH
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