

Ralf Reulke

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Present employer 1:

DLR German Aerospace Center
Department of Optical Information Systems
at the Institute of Robotics and Mechatronics

Present work address 1:

Rutherfordstr. 2
12489 Berlin
Germany

Present position 2:

Chair, Computer Vision,

Present employer 2:

Humboldt-Universität Berlin, Computer Science Department

Present work address 2:

Unter den Linden 6, 10099 Berlin

Education

1975 – 1980	Study of Physics at Humboldt-Universität zu Berlin
June 1980	Diploma thesis
1980 – 1983	Research study at Humboldt-Universität zu Berlin
April 1984	PhD thesis

Professional Experience / Projects

From 1983 he worked in the institute of space research of the German Academy of Sciences Berlin in the areas of optical Sensors, multispectral remote sensing and image processing.

Since 1992 he was a member of the German Aerospace Center (DLR) where he worked in different institutes and groups. He was involved in a large number of projects and engaged in the development of sensors for space projects which served, e.g. for the investigation of the planets Mars and Saturn. In addition, he was involved in the development of high-resolution terrestrial camera systems for earth remote sensing. An example is the airborne camera ADS40 that was developed in cooperation with the company Leica.

In 2002 he got an appointment as professor at the University of Stuttgart for a professorship for digital photogrammetric systems.

Since August 2004 he is a professor for computer vision in the computer science department of the Humboldt University of Berlin. At the same time he works in the German Aerospace Center (DLR).

Present research / professional specialty

- Calibration, validation and in-orbit Satellite validation for Visual, Near Infrared and Infrared Cameras
- Ground support equipment for high resolution optical satellite payloads
- Imaging technologies
- Signal and image processing
- Sensor and data fusion.

Membership of societies, institutions

- Head of the DIN-WG "Photogrammetry and Remote Sensing" (NA 005-03-02 AA)
- Chair of ISPRS Commission I, WG 10 (Sensor Systems Verification, Benchmarks, Evaluation)
- SPIE, ISPRS, DGPF