

Richard Kleihorst

Email : richard @ Kleihorst.com

Current Research Interests

Algorithms and architectures for image processing, video processing and computer vision.
Smart cameras and collaborative smart camera networks: their architectures, algorithms and applications.

Education

Delft University, Electrical Engineering, Delft, The Netherlands

- Ph.D. Research
Dissertation topic: Noise filtering of image sequences
Graduation year: 1994
- Master of Science, 1989

Professional Experience

Delft University, Delft, The Netherlands

- Ph.D. Researcher 1989 until 1994

Philips Research Laboratories, Eindhoven, The Netherlands

Began as a Senior Scientist and ended as a Principal Scientist (June, 1994 – October, 2006)

- Participated in a team to develop a single chip MPEG2 Video Encoder (IMclC).
- Lead a team for research on embedded image compression techniques.
- Lead an international team and a FET-Open European project on Fault-tolerant IC techniques
- Lead and motivate a team on high-performance architectures, applications and algorithms for realtime
- video processing and computer vision.

NXP Semiconductors Research, Eindhoven, The Netherlands

- Senior Principal Scientist October, 2006 onwards
- Guru for computer vision throughout NXP.
- Leading a team researching architectures, applications and algorithms for smart cameras and collaborating smart camera networks.

VITO, Belgium

Patents

Patents and patent applications

24 US patents and applications

37 European patents and applications

58 World patents and applications

8 German patents and applications

Complete list available on request

Reference

Available upon request