

Personal details

Dr. Ir. Evert Houwman

Male/female: Male
Date and place of birth: 18-02-1963, Leeuwarden
Nationality: Dutch

MSc

University/Study: University of Twente / Applied Physics
Date: August 1986
MSc subject: *'Theory and experimental results of the magnetic superconductors RE_xY_{1-x}Rh_{1.1}Sn_{3.6}'.*

PhD

University: University of Twente
Date: September, 1990
Supervisor: Prof. dr. Horst Rogalla
Title of thesis: *'Development of DC-SQUIDS for multichannel magnetometry'*

Work experience

1986-1990 PhD-research in the Low Temperature group of prof.H.Rogalla, Applied Physics, University of Twente
Subject: *'Nb/Al Josephson tunnel junctions for DC-SQUIDS'*

1986/1987 Research engineer Research fellowship at Physikalisch-Technische Bundesanstalt, Berlin (with dr. Hans Koch)
Subject: *'Submicron Edge Josephson tunneljunctions'*

1990-1994 Post-doctoral Research fellow Low Temperature/Applied Physics/ University of Twente (with dr.Jaap Flokstra and dr. Piet de Korte (SRON-Utrecht)
Subject: *'High-resolution X-ray Detector based on Josephson junctions'*

1994-1996 Post-doctoral Research fellow in Nuclear Physics group of the Department of Physics of the University of Oxford, with an EC-Fellowship grant (dr.Norman Booth)
Subject: *'Development of dark matter detector employing Al- Josephson tunneljunctions'*

1996-2005 Process Development Engineer in the Development group of Element-Six in Cuijk/The Netherlands, (part of the industrial group Element-Six of the DeBeers diamond group)
Task: design and process development of diamond products, for medical, optical, mechanical and electronic applications. Implementation of new fabrication processes.

Since December 2005 Post-doctoral research fellow in the Inorganic Materials Science group of the Faculty Science and Technology of the University of Twente (prof.Dave Blank)
Tasks:
daily manager NanoNed-New Electronic Materials program on behalf of prof.Dave Blank;
Research: magnetic properties of the ferromagnetic material LSMO in thin films, wires and dots (MSc. Mercy Mathew); development of ferromagnetic tunneljunctions with LSMO electrodes (MSc. Gabriella De Luca)