

# Dieter Paul Heinz Hannemann

Professor, Dr. rer. nat. Dipl.-Phys. et –Ing.

## Curriculum Vitae

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### Academic Training

Diplom-Ingenieur (Bachelor of honors ME) Ingenieurschule für Maschinenwesen, Essen, Germany, 1964  
Diplom-Physiker (MS Physics) Ruhr Universität Bochum, Germany, 1970  
Doktor rerum naturalis (PhD, Physics) Ruhr Universität Bochum, Germany, 1973

### Professional Positions

1964-1966 Research Engineer (Nuclear Sciences and Space Technologies), ERNO-Raumfahrttechnik GmbH, Bremen, Germany  
1970-1975 Scientist, Institute of Extraterrestrial Physics, Ruhr Universität Bochum, Germany  
1975-1992 Professor, Department of EE, University of Applied Sciences Bochum, Germany  
1992-today Professor, Computer Science Department, Gelsenkirchen University of Applied Sciences  
1992-1997 Vice rector and Vice founder of the Gelsenkirchen University of Applied Sciences  
1993-2000 First Dean, Computer Science Department, Gelsenkirchen University of Applied Sciences  
1998-2004 Chairman of the »Association of Departments of Informatics at Universities of Applied Sciences in Germany« [www.fbti.de](http://www.fbti.de)  
1998-2003 Vice-CEO of the German Flagship Project: »Virtual University of Applied Sciences« [www.vfh.de](http://www.vfh.de)  
2000-2008 Vice-Chairman of the Accreditation Commission of »Accreditation Agency for Study Programs in Engineering and Informatics« [www.asiin.de](http://www.asiin.de)  
2004-2011 Vice-Chairman of the »Association of Departments of Informatics at Universities of Applied Sciences in Germany« [www.fbti.de](http://www.fbti.de)

### Areas of Research & Development

Nuclear Sciences and Space Technology: Nuclear Propulsion and Nuclear Power Supply in space probes  
Extraterrestrial physics in cooperation with NASA  
Photopolarimetry: Polarization of Sky Radiation  
Microprocessor Systems: PC-systems and embedded control, hard and software  
Computer Science in general  
Digital media  
Virtual Universities: organization and administration, eLearning in computer science and physics

### Teaching experience

Mathematic  
Physics  
Computer science  
Microprocessor Systems  
Embedded control  
Informatics and Natural Sciences  
Information processing in biol. organism  
Quantum Informatics

### Publications

120 publications: patents, books and monographs, see <http://DieterHannemann.de>

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