

## Curriculum Vitae

**Name:** Karl Christoph Ruland  
**Date of birth:** March 25, 1949  
**Place of birth:** Hamburg, Germany  
**Nationality:** German  
**E-mail:** christoph.ruland@uni-siegen.de

### EDUCATION:

**1970 - 1974:** University of Bonn, Germany  
 Diploma in Mathematics  
 Studies of Mathematics / Physics / Computer Science  
 Graduated in 1974 (Dipl.-Math.)

### WORK HISTORY:

**1968 – 1969:** Service with the Bundesmarine (Navy) as radio operator

**1970 - 1973:** Radio officer on civil merchant ships (during semester breaks)

**1974 - 1976:** University of Bonn, Germany  
 Faculty of Mathematics, Institute for Applied Mathematics  
 Assistant and Doctoral Student  
 Graduated in 1976 (Dr. rer. nat.)

**1976 - 1978:** AEG Telefunken, Department of Process Control  
 Computers, Konstanz, Germany  
 Systemprogrammer for Communication Protocols

**1979:** Tandem Computers, Hamburg  
 Software Engineer

**1980 - 1982:** AEG Telefunken, Department of Computer Science,  
 Konstanz, Germany  
 Project and Product Manager for Networks

**1982 - 1992:** University of Applied Sciences Aachen, Professor for Data  
 Telecommunication, Aachen, Germany

- 1988:** Founding of KryptoKom, Company for Cryptographic Information Security and Communication Technology mbH, Aachen, Germany
- 1988 - 1998:** Executive Director of KryptoKom
- 1992 -** University of Siegen, Germany  
Full Professor of Data Communications Systems in the Department of Electrical Engineering and Computer Science  
Director of the Institute for Data Communications Systems  
(<http://www.dcs.uni-siegen.de>)

### ***Publications and Projects:***

#### **Published articles:**

Internet:

[http://www.dcs.uni-siegen.de/staff/ruland/publikationen/publikationen\\_ruland.pdf](http://www.dcs.uni-siegen.de/staff/ruland/publikationen/publikationen_ruland.pdf)

#### **Published books:**

- Datenschutz in Kommunikations-Systemen, datacom Verlag, Pulheim 1987, ISBN-3-89238-004-X
- Informationssicherheit in Datennetzen, datacom Verlag, Bergheim 1993, ISBN-3-89238-081-3

#### **Projects:**

<http://www.dcs.uni-siegen.de/projects/projects.php>

- for example: 8 security related EU-projects (4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> Framework, ISIS, CRAFTS)

#### **Other activities:**

- Vice dean for planning and structure of the department for Electrical Engineering and Computer Science at the University of Siegen
- Fulbright Coordinator
- Member of DIN (Deutsches Institut fuer Normung) and ISO SC 27 (formerly SC 20) „Security Techniques“ since 1986
- Senior Member of IEEE
- Member of ITG-Fachausschuss 5.1. “Information- and Systemtheory”
- five children