

Univ.-Prof. Dipl.-Ing. Dr. Gerhard Chroust, M.S.

Curriculum Vitae

(status February 2020)

1 Personal Data:

- born: April 23, 1941 in Vienna, Austria
- married, 2 adult children
- business address:
em. o. Univ.-Prof. Dr. Gerhard Chroust
Professor Emeritus at the Institute for Telecooperation
Johannes Johannes Kepler Universität Linz
c/o Donaustrasse 101/6
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Homepage: <http://www.gerhard-chroust.at>

2 Current Position:

- Professor Emeritus for Systems Engineering and Automation at the Institute for Telecooperation of the Johannes Johannes Kepler University Linz (JKU), Austria
- Member of the International Academy for Systems and Cybernetic Sciences (IASCYS)

3 Academic Career:

1959-64 Technical University Vienna (Telecommunications)

graduated: Diplom-Ingenieur

1964-65 University of Pennsylvania, Philadelphia, USA (Computer Science)

graduated: Master of Science

1973-75 Technical University Vienna (Computer Science)

graduated: PhD. (Prof. M. Brockhaus, Prof. W. Kuich, Prof. H. Zemanek)

1975-87 Lecturer for 'Microprogramming' at the Johannes Kepler University Linz and the Technical University Vienna

1980 promoted: 'Dozent' at Johannes Johannes Kepler University Linz (Computer Science)

1980-1991 Assistant Professor at the Johannes Kepler University Linz

1983-1987 Lecturer for 'Dataflow Mechanisms' at the Johannes Kepler University Linz

1985-1987 Lecturer for 'Microprogrammed Computers' at the Intern. Forschungsinstitut f. Fernstudien, Vienna

1987 Lecturer for 'Dataflow Mechanisms' at the University of Vienna

1987-1991 Lecturer for 'Software Development Process' at the Johannes Kepler University Linz, at the University of Klagenfurt and the Technical University of Vienna

1992-2007 Professor for 'Systems Engineering and Automation', Johannes Kepler University Linz,

1992-2002: Department-Head of the Dpt. of ‚Systems Engineering and Automation‘, Johannes Kepler University Linz,

2002-2004 Head of Institute, Institute for Systems Sciences, Johannes Kepler University Linz

2013 – Member of the Institute for Telecooperation of the Johannes Kepler University Linz

4 Publications:

- 8 authored books
- 65 proceedings (editor/co-editor)
- More than 250 scientific publications
- Over 600 publications in total
- numerous lectures and seminars

5 Industrial Career (IBM Corp.) 1966-1991:

1966-1991 IBM Laboratory Vienna

1966-1968 Research on Formal Definition of PL/I, Vienna Definition Language

1969-1972 Research on theory of compilers and compilation

1972-1976 Assistant to Laboratory Director, Heinz Zemanek

1971-1987 Research on Microprogramming/Firmware

1976-1984 System programming PL/I Compiler for IBM 8100 Dataflow Systems

1983-1990

- Software Application Development Environments (ADPS)
- Implementation of a machine interpretable model of the Software Development Process (ADPS/M : Application Development Process Support / Model)
- National Language Translation for ADPS
- Design work for a Work Manager

1991 IBM Austria: Product Support for ADPS

6 Professional Organizations:

Fellow :

IFSR (International Federation of Systems Research) (1993-2018)

Secretary General :

IFSR (International Federation of Systems Research) (1993-2018)

Editor-in-Chief :

IFSR NEWSLETTER (1993 – 2018)

Book Series („Schriftenreihe Informatik‘) Trauner Publishers, Linz (since 1998)

Proceedings of the IDIMT Conferences (annual since 1993)

Proceedings of the IFSR Conversations (biennial since 1994)

Editorial Board member :

- Journal Systems Research and Behavioral Science (1994 - 2010)

Board positions :

- Board member: OCG (Austrian Computer Society) (since 1975),
- Bertalanffy Center for the Study of Systems Sciences (BCSSS) (2006 – 2016)

Recognitions: EHREN... ÖO Normunaginst.

Membership

ACM, ACM SIGSOFT, ADV, CMG-AE, GI, IASCYS, IEEE, IEEE Computer Society, GI, GI-FB WI-VM,
OCG, OSGK, Pro-IT

Publication about G. Chroust

- HOYER, C., P. GRÜNBACHER , N. SEYFF, (eds.) *Festschrift zum 65. Geburtstag von o.Univ.-Prof. Dr. Gerhard Chroust* Schriftenreihe, Österr. Computer Gesellschaft, No. 208, Wien Sept. 2006. [in German]
- [Malleck-08] MALLECK, H. *Gerhard Chroust - Emeritus am Institut für Systems Engineering and Automation an der JKU Linz - ein Porträt* Pioniere der Informatik - OCG Journal Jg. 33, 3/2008, pp. 4–5. [in German]