

物理学硕士，数学硕士

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系统工程 TD-SCDMA

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Dr. Arnulf Deinzer

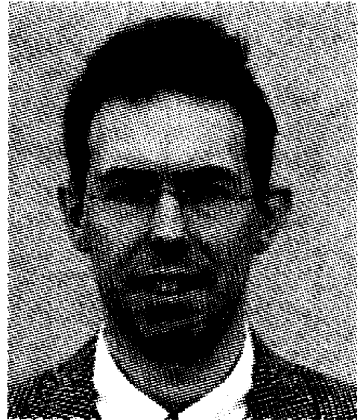
43a, married, 1 child (5a)

1980-86 Mathematics(Diplom)&Physics(Diplom), University Würzburg

1998 PhD Computer Science,

University of the German Armed Forces, Munich

"Online Softwarekorrektur in Realzeitsystemen"



Dipl.-Phys., Dipl.-Math.

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("Patching in RTS")

14.5a Siemens AG

- 8a **SW Development (RTOS)**
- 1a Integrations (Boca Raton FL)
- 5a Systems Engineering

Lessons

WS01/02

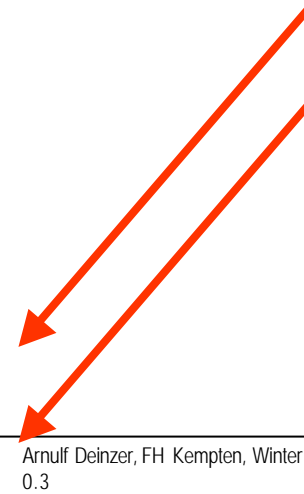
SoSe02

WS02/03

SoSe03

WS03/04

MAT1	SWT	MAT1	SWT	MAT1
MAT1	SWT-Ü	MAT1	SWT-Ü	MAT1-Ü
MAT1	SWT-Ü	MAT1	SWT-Ü	MAT1-Ü
MAT1	BSS1	MAT1	BSS1	VS
MAT1-Ü	BSS1-Ü	MAT1-Ü	BSS1-Ü	VS-P
MAT1-Ü	BSS1-Ü	MAT1-Ü	BSS1-Ü	VS-P
MAT1-Ü	FÜ M	MAT1-Ü	RNT	VS-P
MAT1-Ü		MAT1-Ü	RNT-P	BSS2
it3		SWT/it3	RNT-P	BSS2-P
it3		SWT-Ü	RNT-P	BSS2-P
PRO-Ü		SWT-Ü	RNT-P	BSS2-P
		it3-Ü		RT
		it3-Ü		RT (M)



Topics

- 1 Motivation and Definitions
- 2 RT Scheduling
- 3 Architectures
- 4 RT Operating Systems
- 5 RT Networks?
- 6 RT Programming?
- 7 RT Software Engineering?

Literature

/Zöbel95/

Dieter Zöbel, "Echtzeitsysteme", 1. Auflage, 1995 Thomson Publishing

/Witzak00/

Michael P. Witzak, "Echtzeit Betriebssysteme", 1. Auflage, 2000 Franzis

/Herrtwich89/

R. G. Herrtwich, G. Hommel, "Kooperation und Konkurrenz", 1989 Springer

/Buttazzo97/

Giorgio C. Buttazzo, "Hard RT Computing Systems", 1997 Kluwer

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/Rzehak96/

Helmut Rzehak, "Echtzeitbetriebssysteme - Anwendungen und Stand der Technik"

Elektronik 6/1996, 9/1996, 12/1996

/Pfeiffer95/

Andreas Pfeiffer, "Echtzeit. Unfreiwillige Blockade", Elektronik 18/1995