

Discussing the new ICT Curriculum

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About myself

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♦ Teaching @TUM:

- ♦ Lectures Microprocessors & Architecture
- ♦ History of Computer Science
- ♦ Lab Courses, Seminars

♦ Teaching @UniBW München:

- ♦ History of Science

♦ Since May 2010:

- ♦ Professor for Distributed Computing, University of Bedfordshire, UK

When did I start using Digital Technologies?



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How did I get into it?

- **1982 at school:**
 - Commodore Computers (autodidactically)
- **1984-1989:**
 - Writing articles on C64...
 - Voluntary „informatics“ course in secondary school.
 - Later on: Few courses at TUM (studied Electrical Engineering)

Digital Technologies for Learning/Teaching

- **1992-1997 during PhD:**
 - Plenty of simulations of electric fields!
- **Since 1998:**
 - Starting with PowerPoint (OOImpress) for presentations etc.
 - Course web sites
 - Course reflectors etc.
- **E-Learning resources:**
 - Since ~early 2000s: CLIX, HIS
 - Since 2009: TUM Online, Moodle

How about social media?

- Facebook / Twitter / Google+, etc. ?

Do they always help, or may they rather distract people/pupils?

Think about WLAN in conference/lecture rooms!

What is the right „application rate“ for pupils?