

Something about Me

- Title:** Prof. Dr. rer. nat.
Just so you know.
- Present Position:** **Retired**
Former [Chairholder "Materials Science"](#) in the Materials Science group of the Faculty of Engineering; Christian-Albrechts Universität zu Kiel (CAU), Germany
- What I did in Kiel**
Retirement is a good point in time to take stock. The "Hochschulgesetz" of Schleswig-Holstein, if memory serves, requests a professor to be active in the following areas: **Research, Teaching, Production** of young academics, adequate **Participation** within the autonomous administration, and **Technology transfer**.
It does not request reproduction; I did that on the side.
So here goes:
- **Research:**
About 350 publications (including about 70 from before the CAU time). Almost all in refereed journals and books, leading to a "Hirsch factor" of 36.
One of the two initiators and speaker of the "DFG - Schwerpunkt: Photonische Kristalle".
Successful proposals for about 5.4 Mio € third-party funds, enabling, among many other things, the building of the "Kieler Nanolab".
 - **Teaching:**
Key role in the introduction of the study courses "Dipl.-Ing. Materialwissenschaft" in 1992 and "Master of Materials Science and Engineering" in 1999. 11 new lecture courses were conceived from scratch and taught most of the time. All lecture courses are augmented by "hyperscripts", freely accessible in the Net, that enjoy considerable international appreciation. (2014: 18 Mio requests from 1.5 Mio users; 7 TB downloads).
Teaching award of the state of Schleswig-Holstein in 2001; special prize from Siemens AG for excellence in teaching Engineers in 2001.
 - **Production of young academics**
Acted for 25 Ph.D's as first advisor and for a comparable number as second adviser. Several post-docs acquired special knowledge; at least 5 are now professors or pursuing an academic career.
 - **Participation within the autonomous CAU / Science administration**
Founding dean and twice elected dean of the Faculty of Engineering from 1991 - 2000. Vice dean until 2002.
Many innovations I introduced at the start of the School of Engineering are still in place (e.g. internal financing with a global budget).
Member of the CAU senate and various boards, Chairman of the Materials Science examination board, executive director of the Institute for Materials Science and so on for far more years than I care to remember. Member or chairman of boards of many science organizations (Technologiestiftung S.-H., ISIT Itzehoe, GKSS Geesthacht, MPI Halle, Forschungszentrum Jülich, ...). Chairman of more than 15 "Berufungskommissionen" and many "Promotionsausschüsse". DFG "Vertrauensdozent for 12 years. Founder of the "Förderverein der Technischen Fakultät", plus considerable fund raising activities for this entity; e.g. about 15 stipends for foreign master students over a period of several years.

Curriculum Vitae

- 2/55 - 5/67** **Born** in Backnang; Baden-Württemberg
- Yes! - I am a [Suebian](#).
- 2/55 - 5/67** Elementary and High-**School**; in Geisingen (now Freiberg/N) and Ludwigsburg; Baden-Württemberg
- 6/67 - 12/73** **Student** of Physics; University of Stuttgart
- 12/73 - 5/76** **Thesiswork** at the Max-Planck-Institut for Metal Physics in Stuttgart and the University of Stuttgart (Advisor: Prof. Seeger/Prof. Wilkens)
- Mostly radiation induced defects in Si and "swirl defects" in Si; partially in cooperation with Siemens, Munic
- 1/77 - 12/79** **Post-doc**; Cornell University; Mat. Science Dept.
- Grain boundaries in Si, defects in solar Si (*remember the oil crisis?*)
 - Most important achievement: Met future wife!

- 1/79 - 6/80 Visiting Scientist** at the IBM T. J. Watson Res. Lab. in Yorktown Heights
- Mostly Silicides; some defects in Si; Started with electrochemistry of Si
- 11/80 - 9/91 Various Positions with Siemens in Munich**
- Some solar Silicon; mostly microelectronics; plenty of organization and management jobs
 - Electrochemistry of Si on the side
 - Last position: Project leader of Siemens 16Mbit DRAM Project
 - Most important achievement: Married Sara; reproduced 3 times (*You learn from making DRAMs that redundancy is important*).
- 10/91 - 07/94 Professor** (Chair for Material Science)
- And - more important - first (appointed) **Dean** of the new Faculty of Engineering of the University of Kiel (*with exactly 2 faculty staff members to manage*)
 - Being the dean also means lots of side jobs, not all of which were always fun. Some lasted 8 years.
 - Vorsitzender wiss. Beirat der Technologiestiftung Schleswig-Holstein und Vorsitzender / Mitglied div. Unterausschüsse.
 - Mitglied wiss. Beirat der GKSS Geesthacht
 - Mitglied wiss. Beirat Festkörperphysik; Großforschungszentrum Jülich
 - Mitglied Kuratorium ISiT
 - Mitglied Kuratorium MPI Mikrostrukturphysik Halle
 - Mitglied Arbeitsgruppe "RISI"
 - Gründungsmitglied und Vorstandsmitglied Förderverein der TF
 - Als Dekan Mitglied im Senat und Konsistorium der CAU Kiel
 - Mitglied/Vertreter der TF in sämtlichen Ausschüssen der CAU (Haushalt, Studien, Forschungs- und Wissenstransfertransfer,...)
 - Vorsitzender des Fakultätskonvents
 - Prüfungsausschussvorsitzender Materialwissenschaft
 - Vorsitzender in > 15 Berufungsverfahren
- 7/94 - 7/96** Elected **Dean** (*now with about 200 faculty staff members to manage; not to mention students*)
- Still plenty of "honor" jobs and memberships of various boards.
- 7/96 - 7/98** Encore! Once more elected **Dean**
- 7/98 - 7/00** **Free at last!**
- But new things come up: Speaker of the "DFG - Schwerpunkt Photonische Kristalle"; still member of various boards and, not to forget, the vice president of the "Förderverein" of the Technische Fakultät (the one who does the work).
- 7/00 - 10/14** Getting there! No longer Vice Dean! Just a Professor.
- 12/01** "Teaching Award" of the State of Schleswig Holstein (DM 20.000.-)
- And a special price of Siemens for excellence in teaching engineers (3 Fujitsu-Siemens "Lifebooks"). In both cases mostly for "pioneering work" in providing Net-based teaching material (Check with the link "Hyperscripts of AMAT" above).
- 1/04** Initiated **"ET&TE GmbH"** together with coworkers from the Chair.
- 6/06** Visions occurred and started something big: The "Kiel Nanolab". Neatly funneled off 1.9 Mio from the "Kultusministerium" that almost would have been used for something else.
- 1/07** **Caught Again!**
- "Executive Director" of the Institute of Materials Science. (Geschäftsführender Direktor).
 - "Vertrauensdozent" of the DFG at the CAU (since Oct. 2003).
 - And still vice president of the "Förderverein" of the Technische Fakultät.
- 11/09** Getting ready. No longer "Head of Examination Board" of Materials Science. (Prüfungsausschussvorsitzender).
- 10/14** **Done!** Finally I was allowed to retire, 9 months after my 65th birthday. But still "Vertrauensdozent" of the DFG at the CAU (since Oct. 2003).
- **"Goldene Ehrennadel"** (Badge of honor?) of the CAU for having been a good guy
 - **Dimitris Cantomir medal** from the Academy of Science, Moldova, for "promoting long-standing excellent cooperations" with Moldova.
If you don't know who Dimitro Cantomir was, you will find his bust in a park in Istanbul, next to that of Willi Brand:



4/15

Well Done!

Prof Kienle now is "Vertrauensdozent" of the DFG at the CAU. No more jobs with the University

4/15 - now

Cheers!

