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Authorprofile

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Education: 1992 Undergraduate degree, University of Göttingen
1994 PhD supervised by Herbert W. Roesky, University of Göttingen
1994--1996 Postdoctoral position with Richard F. Jordan, University of Iowa
2001 Habilitation

Awards: 1994 Research Fellowship (Deutsche Forschungsgemeinschaft); 1996 Liebig Fellowship (Fonds der Chemischen Industrie); 1999 Fellowship for Habilitation (Deutsche Forschungsgemeinschaft)

Current research interests: Structure and reactivity of (low-valent) organometallic compounds and their application in materials synthesis

Hobbies: Jogging, watching soccer, spending time with friends and family

S. Schulz

The most important thing I learned from my students is ... to be prepared for everything.

The principal aspect of my personality is ... to tell things as they are.

The natural talent I would like to be gifted with ... is not to tell things as they are.

If I could be a piece of lab equipment, I would be ... an NMR tube since I like to spin around.

My motto is ... "Maach et joot, ävver nit zo off" (a saying from the Rhineland meaning "do it well, but not too often", i.e. quality over quantity).

I am waiting for the day when someone will realize ... that scientific discoveries not necessarily follow three-year research programs.

Last time I went to the pub ... my friends and I solved almost every problem in the world – unfortunately we couldn't remember the next day.

If I could be anyone for a day, I would be ... food taster for Keith Richards (but only for one day).<?>Any particular reason?<?>No particular reason

I admire ... people with a consistent life plan who always know exactly what comes next.

I advise my students to ... explore their own way in life, and to be careful with advice given by people like me.

The secret of being a successful scientist is ... something I am still looking for.

My favorite structure is ... that of chlorine azide – a beautiful beast.

My 5 top papers:

- <lit1>"Van der Waals epitaxial MOCVD-growth of $(\text{Bi}_x\text{Sb}_{1-x})_2\text{Te}_3$ ($0 < x < 1$) films": G. Bendt, J. Sonntag, A. Lorke, W. Assenmacher, U. Hagemann, S. Schulz, *Semicond. Sci. Technol.* **2015**, *30*, 085021. (Chemistry plays an essential role in materials science.)
- <lit2>"Temperature-Dependent Electron Shuffle in Molecular Group 13/15 Intermetallic Complexes": C. Ganesamoorthy, D. Bläser, C. Wölper, S. Schulz, *Angew. Chem. Int. Ed.* **2014**, *53*, 11587; *Angew. Chem.* **2014**, *126*, 11771. (Understanding electronic interactions is the most important thing in chemistry.)
- <lit3>"A Comparison of the Solid-State Structures of Halogen Azides XN_3 ($\text{X}=\text{Cl}, \text{Br}, \text{I}$)": B. Lyhs, D. Bläser, C. Wölper, S. Schulz, G. Jansen, *Angew. Chem. Int. Ed.* **2012**, *51*, 12859; *Angew. Chem.* **2012**, *124*, 13031. (The compounds show remarkable different intermolecular interactions in the solid state.)
- <lit4>"Synthesis of Hexagonal Sb_2Te_3 Nanoplates by Thermal Decomposition of the Single-Source Precursor $(\text{Et}_2\text{Sb})_2\text{Te}$ ": S. Schulz, S. Heimann, J. Friedrich, M. Engenhorst, G. Schierning, W. Assenmacher, *Chem. Mater.* **2012**, *24*, 2228. (Illustrates the great potential of single-source precursors in materials synthesis.)
- <lit5>"Structural Characterization of a Base-Stabilized $[\text{Zn}_2]^{2+}$ Cation": S. Schulz, D. Schuchmann, I. Krossing, D. Himmel, D. Bläser, R. Boese, *Angew. Chem. Int. Ed.* **2009**, *48*, 5748; *Angew. Chem.* **2009**, *121*, 5859. (The $[\text{Zn}_2]^{2+}$ dication became accessible only when using the principle of base stabilization.)

*The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:*

- <lit6>"A Gallium-Substituted Distibene and an Antimony-Analogue Bicyclo[1.1.0]butane: Synthesis and Solid-State Structures": L. Tuscher, C. Ganesamoorthy, D. Bläser, C. Wölper, S. Schulz, *Angew. Chem. Int. Ed.* **2015**, *54*, 10657; *Angew. Chem.* **2015**, *127*, 10803.

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