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Universität Rostock
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Personal Data

Date of Birth: 31.03.1967
Place of Birth: Rostock
Nationality: German
Family Status: Married, 2 Children

School

1973 - 1983 Polytechnical School Rostock
1983 - 1985 Extended Secondary School Rostock

1985 - 1987 Military Service

University

1987 - 1990 Humboldt University of Berlin
1990 - 1995 Technical University of Berlin
1993 Friedrich-Alexander University of Erlangen
1995 - 1997 University of Glasgow, UK
1997 - 1998 Ludwig-Maximilians University of Munich
1998 Australian National University, Canberra, Australia
1999 - 2006 Ludwig-Maximilians University of Munich
since 2006 University of Rostock and
at Leibniz Institute of Catalysis (LIKAT)

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|--------------------|---------|--|
| Examination | 03/1985 | ☞ Abitur (eqv.: A-levels, Extended Secondary School Rostock) |
| | 03/1990 | ☞ Vordiplom Chemie (eqv. BSc), HU Berlin |
| | 02/1993 | ☞ Diplom Chemie (Dipl. Chem.; eqv. MSc), TU Berlin |
| | 12/1994 | ☞ Promotion (Dr. <i>rer. nat.</i> ; eqv. <i>PhD</i>), TU Berlin |
| | 11/2001 | ☞ Habilitation (Dr. <i>habil.</i> ; eqv. DSc) LMU Munich |

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|---------------|-------------|---|
| Career | 1993 | Member of Prof. P.v.R. Schleyer's group, University of Erlangen |
| | 1993 - 1995 | Research Associate with Prof. T.M. Klapötke, TU Berlin |
| | 1995 - 1997 | Postdoc with Prof. T.M. Klapötke, University of Glasgow, UK |
| | 1997 - 2001 | Habilitand (German degree), LMU München |
| | 1998 | Visiting Fellow with Prof. L. Radom, ANU, Australia |
| | 2001 – 2006 | Privatdozent, LMU München (eqv.: Lecturer) |
| | since 2006 | Full professor of Inorganic Chemistry (Chair, W3), University of Rostock and associated professor at the Leibniz Institute of Catalysis Rostock (LIKAT) Rostock (Head of department of Material design) |
| | since 2012 | Executive director (Institute for Chemistry, University of Rostock) |

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|--------------------------------|------|---|
| Awards and Scholarships | 1993 | Graduierten-Kolleg-Scholarship |
| | 1995 | Studienabschluss-Stipendium des Fonds der Chemischen Industrie |
| | 1998 | Visting Fellowship, ANU, Australia |
| | 2006 | Invitation to <i>Transatlantic Frontiers of Chemistry Symposium</i> |
| Affiliations | 1993 | Gesellschaft Deutscher Chemiker (GDCh, Society of German Chemists) |
| | 1995 | Royal Society of Chemistry (G.R.S.C.) |
| | 2002 | Wöhler-Vereinigung für Anorganische Chemie |
| | 2006 | Member of the Editorial Board of <i>Structural Chemistry</i> |
| | 2010 | Editor-in-Chief of <i>Reviews in Inorganic Chemistry</i> |

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| Specialization | <i>Inorganic Chemistry:</i> | |
| | ●* | Inorganic Chemistry – Elementorganic Chemistry |
| | ●* | Pseudohalogen Chemistry – Reactive Ions |
| | ●* | E–N-Chemistry (E = C, N, P, As, Sb, Bi, S) |
| | ●* | Material Design – Catalysis – Ionic Liquids |
| | ●* | Structure and Bonding |

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| Publications | <i>Reviewed and Accepted:</i> | |
| | 📖 | <i>Papers:</i> 247 |
| | 📖 | <i>Book Chapters:</i> 3 |
| | 📖 | <i>Textbooks:</i> 2 |
| | | <i>Oral presentations:</i> 79 |



Axel Schulz

5 most relevant publications:*Isolation of Labile Pseudohalogen NSO Species*

R. Labbow, D. Michalik, F. Reiß, A. Schulz, A. Villinger
Angew. Chem. Int. Ed. **2016**, *55*, 7680 – 7684.

Tetracyanido(difluorido)phosphates $M^+[PF_2(CN)_4]$

J. Bresien, S. Ellinger, J. Harloff, A. Schulz, K. Sievert, A. Stoffers, C. Täschler, A. Villinger, C. Zur Täschler
Angew. Chem. Int. Ed. **2015**, *54*, 4474 – 4477.

Cyclo-Pnicta-triazanes: Biradicaloids - or Zwitterions?

A Hinz, A. Schulz, A. Villinger, J.-M. Wolter
J. Am. Chem. Soc. **2015**, *137*, 3975 – 3980.

Bisilylated Halonion Ions

M. Lehmann, A. Schulz, A. Villinger,
Angew. Chem. **2009**, *121*, 7580 – 7583; *Angew. Chem. Int. Ed.* **2009**, *48*, 7444 – 7447.

Synthesis, Structure, and Bonding of Weakly Coordinating Anions Based on CN-Adducts

A. Bernsdorf, H. Brand, R. Hellmann, M. Köckerling, A. Schulz, A. Villinger, K. Voss
J. Am. Chem. Soc. **2009**, *131*, 8958 – 8970.