



Prof. Dr. Carla Vogt

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Curriculum vitae

1960	Born in Leipzig, Germany
1984	Chemistry degree at the University of Leipzig after 5 years study, diploma thesis in the field of speciation analysis
1987	Ph.D. thesis, title of work: <i>Speciation of inorganic components in coals</i> Department of Chemistry, University of Leipzig
Since 1987	Senior scientist (permanent position) in the group of Prof. G. Werner at the Institute of Analytical Chemistry, University of Leipzig
1998	Head of the Department of Analytical Chemistry at the Institute of Solid State and Materials Research Dresden, IFW Dresden
2000	Habilitation
since 2001	Professor for Analytical Chemistry at the Leibniz University of Hannover
since 2017	Professor for Analytical Chemistry at the Technical University Bergakademie Freiberg, Head of Institute

Scientific work

special subjects of interest

- 2D and 3D solid state analysis by X-ray spectroscopy and Laser ablation ICP-MS with focus on trace and ultratrace elemental analysis, including isotope analysis
- Development of reference materials for solid state analysis
- Archaeometry (silver and gold objects, bog bodies, glass, ceramics)

more than 140 papers, 1 book and 3 book contributions

Engagement in the Scientific Management Systems

- Reviewer for funding agencies: German Research Foundation (DFG), Austrian Foundation for Scientific Research (FWF)
- Reviewer for journals: Analytical Chemistry, JAAS, Journal of Chromatography, Spectrochimica Acta, Acta Materialia, ...
- DFG (German Research Association) Review Board Member since 2020

Teaching experience

- lectures and seminars at 4 universities (during the last 30 years) about Equilibria in aqueous solution
 - Analytical chemistry in basic and advanced courses
 - Special fields of Analytical chemistry (Analysis of ecosystems, chiral separations, speciation, characterization of macromolecules, analysis of art objects)
 - Materials analysis
 - Analysis of materials by ion, electron and X-ray sources
 - Analysis of biomolecules
- coordinator for M.Sc. Analytical Chemistry at the Leibniz University Hannover for 17 years
- supervision of 43 Ph.D. projects

Administrative responsibilities

Dean for student affairs at Leibniz University Hannover (Faculty of Natural Sciences)
Pro-Dean at TU Bergakademie Freiberg (Faculty for Chemistry and Physics)
Member of the Senate at TU Bergakademie Freiberg
Responsible coordinator for the Master degree in Analytical Chemistry at the Faculty for Natural Sciences at Leibniz University Hannover from 2001-2017