



Curriculum Vitae

Dr. Christian Temme

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COMPETENCIES

- Excellent co-ordinating and managing abilities
- Strong communication skills
- Significant field work experience in the field of trace analysis in ambient air
- Experiences in environmental analysis (ICP-MS, AAS, AFS, GC-MS)
- Knowledge in the field of analytical quality assurance and statistical evaluation of field intercomparison studies
- Experienced in methods of time series analysis
- Experienced in writing technical proposals, reports, papers and procedures
- Experienced in presenting research results at conferences and meetings
- Fluent in English

CURRENT EMPLOYMENT

since 07/07 Eurofins ERGO Forschungsgesellschaft mbH, Hamburg/Germany
(www.eurofins.de)

Responsibilities:

- Manager Air Monitoring Hamburg
- Project Management in the field of air quality measurements
- R&D Specialist Air Monitoring
- Quality Assurance
- Calculation of Measurement Uncertainties
- Trained first aid provider

EDUCATION AND EMPLOYMENT HISTORY

University

10/94 - 09/99 Study of Chemistry (Environmental Chemistry), Friedrich-Schiller-Universität Jena (FSU Jena)
09/99 **Certificate:** Diploma in Environmental Chemistry

PhD

04/00 - 03/03 Doctorate at the Department of Environmental Analysis of the FSU Jena (Prof. Einax)
Thesis: "Reactions of atmospheric mercury species in the lower atmosphere of Antarctica"
06/03 **Certificate:** Dr. rer. nat. (summa cum laude)

**Employment**

10/96 - 06/98	Student co-worker in a private environmental laboratory
07/97 - 08/97	Internship in the Ministry of the Environment, Lower Saxony (soil conservation)
03/98 - 04/98	Internship at GKSS Research Centre (organic trace analysis)
09/98 - 12/98	Internship at GKSS Research Centre with seven weeks work experience at "Environment Canada", Toronto, Canada
10/99 - 03/00	Research scientist at GKSS Research Centre
04/00 - 03/03	Research scientist (PhD student) at the FSU Jena
12/00 - 07/04	Multiple participation at polar expeditions (Antarctica and Arctic) of the Alfred-Wegener-Institute Bremerhaven (AWI Bremerhaven) in cooperation with GKSS, subject: analysis of mercury species and selected POPs in polar regions
04/03 - 06/07	Research Scientist (Post-Doc) in the Institute for Coastal Research at GKSS Research Centre Geesthacht, Germany
01/06 - 07/06	Post-Doc research fellowship of the German Academic Exchange Service (DAAD) for a 6 month stay in Canada; "Environment Canada", Toronto, Canada

TEACHING EXPERIENCES

04/00 - 03/03	Provided tutorial lectures for a university level course in environmental analysis
04/00 - 03/03	Supervision of experiments for a university level course in chemical analysis
04/03 - 06/07	Deputyship for lectures in Environmental Chemistry at the University of Lüneburg

AWARDS

2000	Award for best diploma of the chemical faculty at the FSU Jena
2003	Award for best doctorate of the chemical faculty at the FSU Jena
2004	Award of the Analytical Section of the German Chemical Society for outstanding work of young scientists in the field of analytical chemistry

RESEARCH INTERESTS AND INTERNATIONAL RESEARCH CONTACTS

- Air/Water exchange of persistent organic pollutants (POPs)
- Development and validation of analytical methods for the determination of POPs in ambient air (gas and particle phase) and the marine environment



- Sources and sinks of airborne POPs and mercury species (focus on new, emerging POPs like polyfluorinated compounds [PFCs])
- Assessment of results regarding air quality
- Application of tools for time series analysis for the calculation of trends and forecasts of long-term data sets
- Link to international groups in the field of ultra trace analysis in air and water
- Coordination of international projects and field campaigns with groups from Canada, France, Norway and Great Britain
- QA/ QC

ACTIVITIES / INTERESTS

since 1995	Member of the German Chemical Society (GDCh)
1989 - 1993	Teacher for organ and keyboard, Music School Kneesebeck
1994 - 1998	Teacher for keyboard, Music School Jena
1997 - 1999	Student member in the "Konzil" of the FSU Jena
1993 - 2000	Executive board member of a youth orchestra
2001 - 2002	Deputy speaker in the Young Chemists Group in Jena
since 1990	Active in playing volleyball, tennis and golf

RERERENCES

On request

PUBLICATIONS

List available on request

Christian Temme

Hamburg, 20.09.2008