

CURRICULUM VITAE

Personal Information

Dr. Anno Hein

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Date of birth 7 Oct 1967, Kevelaer (Germany)

Nationality German

Education and training

Mar 1993 – Nov 1996 PhD study (Dr. rer. nat.) at the Helmholtz-Institut für Strahlen- und Kernphysik, University of Bonn with the subject Total reflection X-ray fluorescence analysis with synchrotron radiation (supervisor: Mommsen)

Oct 1987 – Feb 1993 Studies of Physics and Informatics at the University of Bonn, Diploma thesis (degree: Diplomphysiker) at the Helmholtz-Institut für Strahlen- und Kernphysik (1992–1993)

Work experience

from Oct 2014 Senior Researcher (Grade B) at the Institute of Nanoscience and Nanotechnology, N.C.S.R. “Demokritos

Oct 2010 – Sep 2014 Researcher (Grade C) at the Institute of Materials Science, N.C.S.R. “Demokritos”

Oct 2008 – Jul 2010 Associate at the Department of Physics, Chemistry & Materials Science, TEI of Athens (laboratory courses)

Apr 2006 – Oct 2010 Research Associate in various European research projects (at N.C.S.R. “Demokritos”, University of Athens and TEI of Athens)

Mar 2002 – Mar 2006 Associate Researcher (Grade D) at the Institute of Materials Science, N.C.S.R. “Demokritos”

Jul 1998 – Jan 2002 Post Doctoral Researcher at the Institute of Materials Science, N.C.S.R. “Demokritos” in the framework of the European TMR network *GEOPRO*

Jan 1998 - Jul 1998 Software developer (Mosaic Software Systems, Meckenheim, Germany)

Aug 1993 – Aug 1997 Associate Researcher at the Helmholtz-Institut für Strahlen- und Kernphysik, University of Bonn

Jun 1992 – Aug 1993 Assistant at the Helmholtz-Institut für Strahlen- und Kernphysik, University of Bonn (laboratory courses)

Skills and competences

Mother tongue German

Other languages

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2: Proficient User	C2: Proficient User	C2: Proficient User	C2: Proficient User	C2: Proficient User
Greek	C1: Proficient User	C1: Proficient User	C1: Proficient User	C1: Proficient User	C1: Proficient User
Dutch	B1: Independent User	B2: Independent User	A2: BasicUser	A2: BasicUser	A2: Basic User
French	A2: BasicUser	B1: Independent User	A1: BasicUser	A1: BasicUser	A2: BasicUser

(*)Self assessment according the Common European Framework of Reference for Languages

Organisational skills

I have collaborated in a number of national and international research projects. Apart from the organization of research work I have also participated in project coordination. In particular within the FP6 INCO project *PROMET* my main responsibilities concerned the financial management of the international consortium, the preparation of research reports and the dissemination of results. Furthermore, I have experience in the organization of conferences and workshops and in the editing of conference proceedings and monographs.

Technical skills

As nuclear physicist I am familiar with spectroscopic techniques for measurements of α - and γ -radiation and X-rays. I have experience in various methods for the characterization of materials in terms of chemistry (NAA, XRF, SR-XRF, portable XRF) and mineralogy (XRD, SEM, FTIR). Furthermore, I am experienced in material tests for the assessment of mechanical and thermal properties and I am collaborating in the advancement of these tests.

Computer skills

Besides physics I studied informatics and I have worked as software developer on a professional basis (C++). I have also working experience in the design and administration of web pages and databases (*html, php, SQL*). Within my research I developed software for data acquisition, spectrum evaluation and statistical data treatment (*FORTTRAN, C++, JAVA*). Apart from programming I am developing digital models for computer simulations for example assessing the properties of ancient materials by the use of the finite element method or collaborating in the development of new experiments (*ANSYS*).

Educational skills

I have been teaching laboratory courses in physics for science and engineering students at the University of Bonn and at the Technological Educational Institute (T.E.I.) of Athens. Furthermore, I have given lectures at the "Demokritos" Summer School for postgraduate students and I have been involved in the practical training of postgraduate students. As member in the scientific staff of the Marie Curie ITN *NARNIA* I was involved in the organization of training courses and in the theoretical and practical training. Currently, I am teaching in a master course at the University of Peloponnese.

Publications

- 36 publications in peer-reviewed journals, >250 citations (Author h-index: 12)
- 40 publications in proceedings and edited volumes
- 2 edited conference proceedings
- 5 invited talks

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