

Curriculum Vitæ

Dr. Hellmuth Broda

Personal Data

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Strenghts

- Conceptual, high level information technology and marketing strategist experienced in know-how transfer to private and public sector decision makers
- Experienced manager serving as chairman or board member on several boards; broad horizontal industry knowledge
- Solid R&D process and issue knowledge in the Chemical and Pharmaceutical Industry based on ten years' professional experience
- Good knowledge of healthcare issues especially around e-Health due to years of related committee work
- Excellent communicator with the ability to explain complex issues and proposals understandably, clearly and credibly
- Experienced keynote speaker and conference chair at international level; member on numerous advisory boards and elected to two scientific academies
- Business experience in Europe, North and South America, Middle East, Asia, Africa
- Extensive personal international network with governments, industry executives, research, educational sector

Professional Development

2009—today Dr. Hellmuth Broda Consulting

9/2008—pres. **Executive Information&Communication Technology Advisor** (Basel, Switzerland)
Working with international organizations, consulting companies, IT companies:

- Chairman, Avalis Healthcare Systems, Switzerland
- Preparation of a study with an international organization (IKED) on "Enabling ICT for Innovation Development" for a country in the Middle East
- Business Development Advisor for several IT companies
- Executive Advisor with Experton Group
- Consulting Expert and Council Member at Gerson Lehrman Group
- Global Advisor with Guidepoint Global

2008 First Ondemand

9—12/2008 **VP Business Development**

First Ondemand Ltd. (a security software company), Fareham, Hampshire, UK; working remotely from Basel, Switzerland

Responsibilities:

- Present First Ondemand's solutions to national and international trade and industry associations, at conferences, to press and analysts
- Grow the business by using the high-level contacts network
- Contribute to creating a concise messaging for the company

Accomplishments:

- *Established over 70 new contacts for the company*
- *Represented the company at the 2nd Identity Conference in London and at the Global Forum 2008 in Athens*

1995—2008 Sun Microsystems

2006—2008 **Chief Technology Officer (CTO), Global Government Strategy**

(Sun Microsystems Inc., Menlo Park, CA; working remotely from the Basel office)

Responsibilities:

- Promote the group's strategy that enables Sun technology to be used as a social utility
- Connect Sun to the world's ultimate service providers – Governments
- Represent Sun to a wide variety of audiences promoting key Sun positions to ensure leverage of opportunities
- Member of Sun's Liberty Staff team and the OpenDocument group

Accomplishments:

- *Represented Sun to a wide variety of audiences to reinforce key Sun positions (especially in Identity Management, Open Source, Open Systems, Open Standards, OpenDocument, Sustainability)*
- *Delivered 60 keynotes and customer presentations to governments and the private sector*
- *Represented Sun in the Liberty Alliance Business Marketing Expert Group, in the Public Policy Expert Group and the e-Gov SIG (Special Interest Group), contributed to privacy work in and recruited many members for the Liberty Alliance*
- *Continued to serve as chairperson for the annual European Net-ID conference (since 2005)*

2005—2006 **European CTO, Strategic Insight Office** (Sun Microsystems Inc., Corporate

Marketing, working from the Basel office)

Responsibilities:

- Strategic technology transfer to customers of all industries
- Keynote speaker at industry conferences
- Speaker and “storyteller” at the Executive Briefing Center
- Member of Sun's Liberty Staff team and the corporate strategy & vision team
- Active contribution to Liberty Alliance Business Marketing Expert Group (BMEG)

Accomplishments:

- *Facilitated several large deals*
- *Gave 75 keynotes and customer and partner presentations*
- *Contributed content to and appeared as speaker in the internal Sun training video on “Strategic Insights” for the field*
- *Contributed my material on identity/trust/privacy to the formal presentations for Liberty Alliance and recruited many members for the Alliance*
- *In 2005 recognition through Sun's “Chairman's Award for Innovation” with the Liberty Alliance team*
- *Promoted to Distinguished Marketing Director.*

1998—2004 **CTO EMEA** (Sun Microsystems Inc., Global Sales Organization, working from the Basel office)

Responsibilities: Sales support through strategic technology transfer to customers of all industries, keynote speaker at industry conferences.

Accomplishments:

- *Translated Sun's “Vision and Strategy” (V&S) messages for the European market following a request by the EMEA SVP*
- *Produced a training DVD on Sun V&S which was distributed to the Sun sales force in EMEA*
- *Compiled a team of 16 experienced speakers from 12 different countries, formed the “EMEA Vision Council” and led and managed the council 1999—2005*
- *Contributed to and worked with the global vision council (1998—2004)*
- *Gave over 200 keynotes and executive presentations*
- *Contributed to the use case scenarios and specification work for Federated Identity and recruited many members for the Liberty Alliance.*

1995—1998 **Country Technology Manager** (Sun Microsystems [Schweiz] AG, Zurich)

Responsibilities: Member of the Country Management Team, Systems Engineering Manager, head of the Competence Center, Sun technology spokesperson and Java evangelist

Accomplishments:

- *Introduced Java to Swiss customers, the market and media*
- *Evangelized Sun's vision, strategies, and technologies by delivering over 170 presentations to executive management at seminars, trade shows and conferences*
- *Led the system engineers (SE, pre-sales), held the weekly SE meetings*
- *Consulted customer management on strategic technology issues*

1990—1995 F. Hoffmann-La Roche AG

1990—1995 **Director, Pharma R&D Information Systems Development** (F. Hoffmann-La Roche AG, Dept. PRIS, Basel)

Responsibilities: Managing application development for preclinical and clinical information systems and biological and chemical databases. Leading a team of 55 developers in Basle and responsible for a team of 33 in Nutley, NJ

Accomplishments:

- *Re-railing and recovery of a large international database project*
- *Introduction and organization of a monthly informatics seminar*
- *Organization and Implementation of a "Software Producing Unit Maturity Assessment" (BOOTSTRAP)*
- *Introduction of a project-based (flat) organization for the department*
- *Co-author of "Roche Pharma Project Management Guidelines"*
- *Internationalization of a logistics project for the Galenics Group*
- *Introducing IT systems standards in the company*

1985—1990 Ciba-Geigy AG

1985—1990 **Project Group Leader, Scientific Computing Center** (Ciba-Geigy AG, Basle):

Responsibilities: Leading a team of twelve analysts and developers, Coordination of the requirements engineering for AGRO Research

Accomplishments:

- *Specifications of the detailed user requirements in AGRO Research.*
- *Database design for complete research information in AGRO.*
- *Contributed to the introduction of standard software (Unix, C, ksh; TEX for document generation; C-WEB for integrated documentation inside the*

code base)

1975—1985 Scientific Assistant and Lecturer Positions

- 1984—1985 **Scientific Assistant** (Konstanz University, Dept. of Biophysics): Research on membrane biophysics (electrophysiology of single ion channels in cell membranes, patch clamp technology) and software development for data analysis
- 1983—1984 **Scientific Assistant** (Max Planck Institute for Cellular Biology, Ladenburg/Heidelberg): Research on the biochemical mechanism of the biological circadian clock in *Acetabularia mediterranea*
- 1980—1983 **Visiting Scholar and Tutor in Biology** (Harvard University, Biolabs): Research on the biochemical mechanism of the circadian clock in *Gonyaulax polyedra*; design and implementation of a computer network for data acquisition and analysis
- 1978—1980 **Scientific Assistant** (Max Planck Institute for Cellular Biology, Ladenburg/Heidelberg): Research on the biochemical mechanism of the biological circadian clock in *Acetabularia mediterranea*; Planning, design, implementation and maintenance of a computer system for data acquisition, monitoring, analysis and visualization of the long-term biological rhythm data from the 60 simultaneous long-term experiments
- 1975—1978 **Student Assistant** (Albert-Ludwigs University Freiburg/Br.) teaching classes on Computers in Biology, Biophysics, Biology classes for medical students

Parallel (Sideline) Activities

- 2008—present **Chairman of the Board of Directors** (Avalis Healthcare Systems AG, Zurich)
- 2001—present **Scientific Advisory Board** (Swiss Academy of Engineering Sciences, SATW). Vice President of the Board since 2005
- 2005—present **ICT Commission** (SATW)
- 2001—present **Spokesperson** and member of Business Marketing Expert Group (Liberty Alliance Project). Since 2008 “Individual Sponsor” of the Alliance
- 2006—present **Spokesperson** (OpenDocument Alliance)
- 2003—present **Curator** (Fraunhofer Institute for Integrated Circuits, Erlangen)
- 1999—2003 **Curator** (Fraunhofer Institute for Factory Operation and Automation)
- 2001—2007 **Executive Jury Member** (European IST Prize, representing Switzerland)
- 2008—present **Jury Member** (Swiss ICT Award)
- 2003—2008 **Scientific Advisory Board** (Avalis Telemedicine AG, Basel)
- 2000—present **Advisory Board** (DAI-Lab, Technical University Berlin)

- 2004—present **Advisory Panel** (DGRI, German Association for Law and Informatics)
- 2005—present **Advisory Board** (SwissITmedical.net)
- 2008—present **Steering Committee eHealth** (a⁺, Swiss Academies of Sciences)
- 2001—present **Steering Committee** (Global Forum)
- 1999—2003 **Working Group, Digital Divide Initiative** (World Economic Forum)

Professional Memberships

- Elected member, Swiss Academy of Engineering Sciences (SATW)
- Elected member, European Academy of Sciences and Arts
- German Computer Society (GI)
- IEEE Computer Society
- ISSS Information Security Society Switzerland
- ASQF – Working Committee for Software Quality and Advanced Training
- Fraunhofer Gesellschaft

Publications, Lectures, Interviews and Media

- Over 500 strategic technology presentations at conferences and customer sites
- About 50 articles on internet technologies, Identity Management, Privacy, e-Health, Java, Jini, Web Services
- 23 scientific publications (1975—89)
- Several Radio- and TV interviews

(List available upon request)

Education and Training

Company Training

- Executive training
- Rhetoric training
- Presentation training
- Spokesperson training
- Sales methodology training
- Project management
- Kepner-Tregoe decision methodology
- Time management
- Diverse computer skills courses

University Studies

- 1975—1978 **Doctoral study, research work, and dissertation** in biophysics, Albert-Ludwigs-University, Freiburg/Breisgau (Electrophysiological Studies on the complex eye of *Drosophila melanogaster*), promoted to *Doctor rerum naturalium*
- 1969—1975 Studies in **Chemistry and Biology**, Albert-Ludwigs-University, Freiburg/Breisgau Staatsexamen (Master equivalent) degree. Thesis work on electronic simulation of optomotoric experiments

Military Service

- 1967—1969 Army engineers, German army

School Education

- 1958—1967 Melanchthon-Gymnasium Nürnberg (classical language high school)
- 1954—1958 Pestalozzi-Schule Nürnberg (Grammar School)

Languages

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| German | Mother tongue |
| English | Fluent |
| French | Intermediate |
| Spanish | Basic |
| Italian | Basic |
| Portuguese | Basic comprehension |

Personal Interests

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| General | International travel, hiking, nature, animals, photography, foreign cultures |
| Culture | Art, history, literature, theater, opera, food and wine |
| Music | Classical music, Jazz, singing |
| Sports | Skiing, biking, inline skating, sailing, snorkeling |

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