Curriculum Vitae

Personal Data:

Name:	Meikel Poess
Address:	1511 Peregrino Way, San Jose, CA 95125, USA
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Email:	meikel@db.stanford.edu
WWW:	http://www-db.stanford.edu/~meikel
Date/Place of birth:	10/19/69, Dinslaken, Germany
Family Status:	Single
Nationality:	German

Interests:

Database Technologies, Database Integration, Performance Analysis, Internet Technology, Software Agent Technologies, Distributed Computing

Education and Experience:

From 2.1998:	Visiting Researcher at Stanford University: I am currently working with Professor Mike Genesereth and Dr. Arthur Keller on the Infomaster project for integrating heterogeneous, distributed database systems.
4.1997-4.1998:	Ph.D.-program in Computer Science at the Technical University of Berlin (Advisors are Professor Oliver Günther and Professor Hermann Krallmann).
1.1997-4.1997:	Visiting Researcher at Stanford University: I worked with Professor Gio Wiederhold on the CHAIMS project (Compiling High-level Access Interfaces for Multi-site Software).
10.1990-1.1997:	Masters in Computer Sciences (Diplom Informatiker) from the University of Karlsruhe (Germany).
5.1996-12.1996:	Master's Thesis Research at Stanford University: "Performance Evaluation of SQL*Cache: A Predicate-Based Caching System".
10.1994-9.1995:	Exchange student at the Politecnico di Torino in Turin, Italy (CLUSTER Exchange Program of the European Community).
10.1990-9.1994:	Study of Computer Sciences at the University of Karlsruhe. Basic courses in: Networks and Databases (Prof. Lockemann), Artificial Intelligence (Prof. Waibel, Univ. Karlsruhe/ Carnegie Mellon), Logic (Prof. Deussen), Algorithms (Prof. Prautzsch) ,Operating Systems (Prof. Wettstein), Computer Architectures (Prof. Ungerer), Software Engineering (Prof. Tichy), Real Time Systems (Prof. Schweizer) Graduate courses in: Information Systems (databases)/Software Engineering (Prof. Demartini/Prof. Bruno, Politecnico di Torino), System Analysis/ Performance Analysis (Prof. Zorn, Univ. Karlsruhe), Business Administration (courses in Accounting, Organization, Operations Research) (Burdelski Ph.D., Univ. Karlsruhe)

Internships:

6.1997-9.1997: Oracle Corporation, USA: Summer intern in the Server Technologies Group in Redwood Shores (California). Implementation of the TPC-C benchmark for Oracle 8 and performance evaluation of Oracle 8's object relational features regarding to the TPC-C benchmark requirements.

7.1995-9.1995: Politecnico di Torino, Italy: Development of a WWW-Server for HP9000 (MPE) as an interface to the library system (MINISIS DBMS).

10.1991-8.1994: University of Karlsruhe, Germany: Teaching Assistant at the "Institute for Computer Application in Planning and Design" with Professor Hans Grabowski. Programming of CAD-functions in C++.

8.1991-10.1991: Ruhrgas AG in Essen, Germany: Modeling and Implementation of forms in dBASE.

2.1991-4.1991: Siemens AG in Karlsruhe: Development of database applications in dBASE

Publications:

- Julie Basu, Meikel Poess, Arthur M. Keller," High Performance and Scalability Through Associative Client-Side Caching" HPTS97, September 1997
- Julie Basu, Arthur M. Keller, Meikel Poess, "Centralized versus Distributed Index Schemes in OODBMS - A Performance Analysis," ADBIS97,March 1997
- Julie Basu, Arthur M. Keller, Meikel Poess, "Performance Evaluation of Centralized and Distributed Index Schemes for a Page Server OODBMS," Stanford Computer Science Technical Note: STAN-CS-TN-97-55, February 1997
- Master's thesis: "Performance Evaluation of SQL*Cache: A Predicate-Based Caching System." Completed 1996 at Stanford University (Advisor: Professor Gio Wiederhold).
- Midterm thesis: "Extension of an existing information-system for the administration of Professors' publications". Completed in 1995 for the library at the Politecnico di Torino (Italy) (Advisor: Professor Elena Baralis).

Computer Programming Knowledge:

Programming Languages:	C++, C, Perl, Java, CORBA, Pascal, SQL, CSIM
Operating Systems:	UNIX, DOS, MPE
Database-Systems:	Oracle 8, MINISIS, dBASE
Platforms:	SUN, Apple Macintosh, IBM-PC

Military Service:

1989-1990 as a geographer.

Language Skills:

English, fluent in speaking and writing
Italian, fluent in speaking and writing
German, native speaker

References:

Professor Gio Wiederhold: Stanford University, gio@cs.stanford.edu
Professor Michael R. Genesereth: Stanford University, genesereth@cs.stanford.edu
Dr. Arthur Keller: Stanford University, ark@db.stanford.edu
Dr. Julie Basu: Oracle Corporation (USA, Redwood Shores) jbasu@us.oracle.com
Professor Elena Baralis: Politecnico di Torino, baralis@polito.it