



Iris Christadler

Diplom-Informatikerin Univ.

Contact details

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ORCID

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Skills

innovative
creative
analytical thinking
organizational skills
team player
leadership abilities

Education

Diplom-Informatik (M.Sc. equiv, Grade: 1,3)

University of Erlangen-Nuremberg
1998-2004

Major:

computer graphics
system simulation,
theoretical comp. science

Minor:

Psychology

Studies in Law

University of Erlangen-Nuremberg
1997-1998

Abitur (Grade: 1,3)

Gymnasium Herzogenaurach
1988-1997

Employment

Scientific Employee

*Seismology Group, LMU,
since 2022*

- Geo-INQUIRE, Task-lead for “Software as a Service” and “Technical Training”, Project Management Board Member
- scientific work on SeisSol, workflows and the Simulation Data Lake

parish secretary (incl. accounting tasks)

*2020-2022 Parish association Hallbergmoos
2012-2020 St. Joseph München
2013-2018 parental leave*

Scientific Employee

*HPC Group, Leibniz Supercomp. Center (LRZ),
2005-20012*

- PRACE und PRACE-1IP, Task- und WP-leads, Technical Board Member,
- work for PROSPECT und STRATOS
- scientific work on accelerators and new programming languages
- user support (Debugging, Profiling, C++)

Research Assistant

*LSS, Universität Erlangen-Nürnberg,
2003-2004*

Implementing a new multigrid smoother

Working Student

*Marketing, Siemens Audiologische Technik,
2002-2003*

Intra and Internet presence

Research Assistant

Comp. Center Erlangen , 2000-2002

Öffentlichkeitsarbeit, Bildbearbeitung

Language Skills

German

native language

English

fluent

French

basics

Technical Skills

Computer Science

- High Performance Comp.
- Numerical algorithms
- Parallel computing
- C/C++ and python

Psychology

- Work-, Business- and Organizational Psychology
- Learning Psychology
- Non-violent communication

PC Knowledge

- Corel Draw
- Photoshop
- InDesign
- MS Office

Hobbies

Painting

Sewing

Swimming

References

Available upon request

Workshop Organization

Geo-INQUIRE “Toward Data Lakes for Recorded and Simulated Earthquake Ground Motions” (*Part of the organizing committee*)

GFZ, Potsdam, Germany, 2024

PRACE Workshop New Languages & Future Technologies (*Organizer*)

LRZ, Munich, Germany, 2010

Further training (selection)

Quantum Computing Programming

QBronze, QWorld, online seminar, 2022

Progr. distr. comp. platforms with COMPSs

PRACE online training course at BSC, 2023

CERN School of Computing, 2007

Foundation Certificate ITIL, 2006

Invited Talks

New Languages for HPC

KTH/PDC Summer School, Stockholm, 2010

Towards Reconfigurable HPC

inverted CERN School of Comp., Genf, 2008

Publications (selection)

I. Christadler, G. Erbacci, A. D. Simpson

Performance and productivity of new programming languages

in R. Keller, D. Kramer, J.-P. Weiss,
Facing the Multicore-Challenge II
Springer-Verlag, 2012

I. Christadler, V. Weinberg

Rapidmind: Portability across Architectures and Its Limitations

in R. Keller et al.
Facing the Multicore-Challenge
Springer-Verlag, 2010