

Résumé

Name	Nils Kammenhuber
Date of birth	1975
Address	Technische Universität München Institut für Informatik I-8 (Lehrstuhl für Netzwerktechnik) Boltzmannstraße 3 D-85748 Garching bei München
E-mail	kammenhuber@net.in.tum.de
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Degrees	Dr. rer. nat. (PhD computer science), grade: 1.0 (summa cum laude); Technische Universität München, Germany, 2008. Diplom-Informatiker (MSc computer science), grade: 1.7 (gut); Universität des Saarlandes, Germany, 2002.
Languages	German (native); English, French (fluent); Bulgarian (beginner); Portuguese, Dutch, Italian, Russian, Spanish (some knowledge)

Education

Technische Universität München: August 2002 to July 2008

PhD student and research assistant

Advisor: Prof. Anja Feldmann

Main Research Area: Dynamic load-adaptive intra-AS routing

Funding: DFG-Schwerpunktprojekt 1126 „Algorithmics of large networks“

Technische Universität München, Garching bei München, Germany

Universität des Saarlandes: July 2002

PhD student and research assistant

Advisor: Prof. Anja Feldmann

Research Area: Dynamic load-adaptive intra-AS routing

Universität des Saarlandes, Saarbrücken, Germany

Universität des Saarlandes: October 1994 to July 2002

Student of Computer Science

Degree: Diplom-Informatiker (Master of Computer Science)

Universität des Saarlandes, Saarbrücken, Germany

University of Edinburgh: October 1997 to September 1998

Non-graduating Student (Computer Science and Artificial Intelligence)

The University of Edinburgh, Scotland, UK

Professional Experience

Technische Universität München

Since October 2008: Postdoctoral researcher

Chair for network architectures and services, Prof. Dr. Georg Carle

August 2002 to July 2007: PhD student and research assistant, see “Education”

Intel Research

January 2004 to May 2004: Research intern

Advisor: Dr. Lukas Kencl

Intel Research Cambridge, Cambridge, UK

Universität des Saarlandes

July 2002: PhD student and Research Assistant, see “Education”

1996—2002: various student jobs (research; programming; teaching)

DFKI (Deutsches Forschungszentrum für Künstliche Intelligenz / German Research Centre for Artificial Intelligence)

1998—2002: various student jobs (research, programming)

Research Interests

In general: research in computer networks and communication systems.

In particular: network resilience; dynamic routing and traffic engineering; traffic measurements; characterisation of user behaviour; bridging the gap between theoretic models and operational practice

Selected publications

- Nils Kammenhuber, Ali Fessi, Georg Carle: *Resilience: Widerstandsfähigkeit des Internets gegen Störungen – Stand der Forschung und Entwicklung*, Informatik-Spektrum, Volume 33, No. 2, Springer-Verlag, 2010
- Anja Feldmann, Simon Fischer, Nils Kammenhuber, Berthold Vöcking: *Management of Variable Data Streams in Networks*. Springer Lecture Notes in Computer Science (LNCS), Volume 5515/2009 (Algorithmics of Large and Complex Networks), Springer-Verlag, 2009
- Simon Fischer, Nils Kammenhuber, Anja Feldmann: *REPLEX—Dynamic Traffic Engineering Based on Wardrop Routing Policies*. Proceedings of the Conference on Future Networking Technologies (CoNEXT), Lisboa, Portugal, 2006
- Nils Kammenhuber, Julia Luxenburger, Anja Feldmann, Gerhard Weikum: *Web search clickstreams*. Proceedings of the Internet Measurement Conference (IMC), Rio de Janeiro, Brazil, 2006

- Lukas Kencl, Nils Kammenhuber: *Efficient Statistics Gathering from Tree-Search Methods in Packet Processing Systems*. Proceedings of the IEEE International Conference in Communications (ICC), Seoul, Korea, 2005
- Anja Feldmann, Nils Kammenhuber, Olaf Maennel, Bruce Maggs, Roberto De Prisco, Ravi Sundaram: *A Methodology for Estimating Interdomain Web Traffic Demand*. Proceedings of the Internet Measurement Conference (IMC), Taormina, Italy, 2004

Nils Kammenhuber, 2nd July 2010