

## Résumé

Name	<b>Nils Kammenhuber</b>
Born	1975
Address	Technische Universität München Institut für Informatik I-8 (Lehrstuhl für Netzwerktechnik) Boltzmannstraße 3 D-85748 Garching bei München
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Phone	+49-89-289-18006
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Degrees	Diplom-Informatiker (MSc Computer Science); Universität des Saarlandes, Germany, 2002. Expecting doctorate from Technische Universität München in 2007
Languages	German (native), English (fluent), French (fluent), Bulgarian (beginner), Spanish (beginner), Italian (some knowledge), Dutch (some knowledge)

## Education

**Technische Universität München:** since August 2002

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

**The University of Edinburgh:** October 1997 to September 1998

Non-graduating Student (Computer Science and Artificial Intelligence)

The University of Edinburgh, Scotland, UK

## Professional Experience

### Intel Research

January 2004 to May 2004: Research intern

Advisor: Dr. Lukas Kencl

Intel Research Cambridge, Cambridge, UK

### Technische Universität München

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

Expected finishing date: January/february, 2007

### Universität des Saarlandes

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

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

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

## Selected publications

- 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, 12-Dec-2006*