

Graduation theses lead by Prof. Iwanowski

Logistics

ALEXANDER BÜLOW: *Language and Navigation Based Consignment within a Shelf Stock*, Opus//G GmbH (Jork), 01.09.2014

TIMM HOFFMANN: *Autonomous Planning System for Generating a Timetable for FH Wedel*, FH Wedel (Wedel), 01.03.2014

CORDULA EICHHORN: *Mobile Maintenance Logistics with Ticket Machines*, Hamburger Hochbahn AG (Hamburg), 01.09.2013

CHRISTOPHER BLÖCKER: *Concept and Implementation for Dynamic Optimisation of Supply Tours Using an Ant System*, implico GmbH (Hamburg), 01.09.2011

MICHAEL BILLEN: *Development of a Mobile Warning System Monitoring Critical Supplies in the Pharmaceutical Industry*, iXCase GmbH, Hamburg, 31.08.2005

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Navigation

JOSIAS POLCHAU: *Mobile Travel Assistant for Public Transport,*
Master Thesis (HBT GmbH, Hamburg), 01.09.2014

NICOLAS MÖNCH: *Microrouting for GEOFOX,*
HBT GmbH (Hamburg), 01.09.2013

ALEXANDER BERTRAM: *Ant Scout Dynamic Routing on Open Street Map,*
Master Thesis (intern), 01.03.2013

JOSIAS POLCHAU: *Design and Integration of Pedestrian Routing into the Passenger Information System GEOFOX,* HBT GmbH (Hamburg), 24.02.2011

SEBASTIAN HAMMES: *Study Concept for a Personalised Travel Companion on a Smartphone,* eos-uptrade (Hamburg), 31.08.2010

MICHAEL SCHIEFENHÖVEL: *Personalized Dynamic Passenger Information,*
Master Thesis (intern), 27.02.2006

THOMAS WALTHER: *Dynamic Road Navigation Based on Ant Colonies,*
Master Thesis (intern), 23.02.2006

SVEN REINCK: *Assessment of Several Algorithms for the Search of Alternative Routes in Road Navigation Systems,* Innovative Systems (Hamburg), 23.02.2006

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IT Security

MICHAEL GRENZ: *Agent Systems and Infrastructure Security*,
Master Thesis (intern), 29.08.2004

Technical Systems

WOLFGANG GINOLAS: *Reusing Automatically Generated Test Scenarios for Regression Tests in Mechatronics Development*,
DaimlerChrysler AG (Berlin), 30.09.2006

Simulation

JÖRG MEISTER: *Simulation of crowd dynamics with special focus on building evacuations*,
Master Thesis (intern), 15.05.2007

User Interface

SVEN REINCK: *Overlapfree Presentation of Labels in Dynamically Generated Maps*,
Master Thesis (Innovative Systems, Hamburg), 06.09.2007

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Data Analysis for Planning

THORSTEN DAHMKE: *Statistical Analysis of Queries to a Passenger Travel Information System*, HBT (Hamburg), 02.09.2010

KRISTOF KOSTENCKI: *Prognosis of Ride Demands for a Taxicab Enterprise due to Historic Data*, BSL Management Consultants GmbH, Hamburg, 21.02.2008

Search Engine Development

CHRISTOPH FORSTER: *How to Recognize the Relevance of Documents*, Interone Worldwide, Hamburg, 21.02.2008

UTA KUPPERSCHMIDT: *Semantic Text Analysis of User Generated Content in the World Wide Web*, Interone Worldwide GmbH (Hamburg), 27.02.2009

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Application Programming

HENDRIK ANNUTH: *Development of Software for a Non-Programming Approach of Generation of Dynamic Control Elements*, Adobe Systems GmbH, Hamburg, 04.09.2008

LARS FRANCKE: *Concept and Implementation of a Data Based Java Web Application for Supporting the Application Process of Job Applicants*, OE GmbH, Thalwil (Schweiz), 23.02.2006

Game Programming

SILVIO KAVIEDES HANNINGER: *"Catch the FOX": A Pursuit Game in the Hamburg Traffic System*, Hamburger Berater Team GmbH (Hamburg), 27.02.2009

ANDRE KELLER: *Efficient Pathfinding in Dynamic Game Environments*, Blue Byte GmbH, Düsseldorf, 04.09.2008

DAVID GOETZE: *Artificial Intelligence in Games for Mobile Devices*, Fishlabs Entertainment GmbH (Hamburg), 31.08.2006