Program

10th International Heinz Nixdorf Symposium

On-the-Fly Computing

September 12th – 13th, 2016
Heinz Nixdorf MuseumsForum, Paderborn

» Software Engineering and Machine Learning
» Dynamic Communication Networks
» Security and Cryptography
» Quality Assurance and Economic Design
**The Heinz Nixdorf Symposium**

The *Heinz Nixdorf Symposium* is an established biennial event of the Heinz Nixdorf Institute during which researchers and practitioners come together to present challenges from industry, discuss contributions from research institutions and develop novel solutions. The Heinz Nixdorf Institute is a research center within the Paderborn University, founded in 1987. Its research is aligned with the program “Dynamics, Mobility, Integration: En-route to the technical systems of tomorrow.” In training and education, the Heinz Nixdorf Institute is involved in many programs of study at the Paderborn University. Today nine professors and 150 researchers work at the Heinz Nixdorf Institute.

**SFB 901 “On-The-Fly Computing”**

*SFB 901 “On-The-Fly Computing”* is funded by the DFG as a Collaborative Research Centre since July 2011. The objective of SFB 901 is to develop techniques and processes for the automatic on-the-fly configuration and provision of individual IT services out of base services that are available on worldwide markets. In addition to the configuration and provision of IT services, this involves developing methods for quality assurance and the protection of participating clients and providers, methods for the target-oriented further development of markets, and methods to support the interaction of the participants in dynamically changing markets. Consequently, we have selected four SFB-relevant research fields which will be discussed in the following four workshops at the 10th Heinz Nixdorf Symposium:

**“Software Engineering and Machine Learning”**
Organizers: Eyke Hüllermeier, Gregor Engels, Heike Wehrheim

The goal of this workshop is to strengthen the connection between software engineering and machine learning, two subfields of computer science that can cross-fertilize and mutually benefit from each other. We plan to cover both directions, software engineering for machine learning and machine learning for software engineering, with a specific focus on service-oriented architectures and the On-The-Fly Computing paradigm.

**“Dynamic Communication Networks”**
Organizers: Christian Scheideler, Holger Karl, Friedhelm Meyer auf der Heide

In the future, communication networks will be much more diverse and complex than today. They will be hybrid and heterogeneous, self-organizing and self-optimizing, and
**Program Committee**

- Johannes Blömer (co-chair)
- Eric Bodden
- Gregor Engels
- René Fahr (co-chair)
- Bernd Frick
- Burkhard Hehenkamp
- Eyke Hüllermeier (co-chair)
- Holger Karl
- Friedhelm Meyer auf der Heide (chair)
- Christian Scheideler (co-chair)
- Heike Wehrheim

**Registration**

You can register for participation in the 10th International Heinz Nixdorf Symposium through our [website](#). Registration needs to be complete by September 1. There will be no conference fee, but participants are responsible for their accommodation.

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will make use of information provided both by the network itself and its environment. The aim of this workshop is to discuss current research trends in networking research from the systems as well as the algorithmic perspective, with a focus on dynamic and heterogeneous network architectures in general as well as those needed for the On-The-Fly Computing paradigm.

**“Security and Cryptography”**
Organizers: Johannes Blömer, Eric Bodden

The goal of this workshop is to present and discuss emerging new techniques and methods from cryptography, secure software development, security analysis of software, secure systems design, and identity management suitable to address the major security and privacy concerns in distributed and de-centralized scenarios in general and in the On-The-Fly scenario in particular.

**“Quality Assurance and Economic Design”**
Organizers: René Fahr, Bernd Frick, Burkhard Hehenkamp

This workshop deals with market behavior and mechanism design on electronic and online markets that share features of the On-The-Fly Computing market. We plan to cover empirical as well as theoretical studies that design and evaluate incentives and mechanisms such as contractual solutions, certificates, (customer) feedback systems, service level agreements and service guarantees to reduce these aforementioned behavioral misconducts.
Keynote Speakers

Michael Backes is a full professor at the Computer Science Department of Saarland University and a Max Planck Fellow of the Max Planck Institute for Software Systems, where he has the chair for Information Security and Cryptography. He is the Director of the Center for IT-Security, Privacy, and Accountability (CISPA), and a Principal Investigator and Vice-coordinator of the Cluster of Excellence on Multimodal Computing and Interaction (MMCI). Moreover, he is the speaker of the collaborative research center on Methods and Tools for Understanding and Controlling Privacy.

Research Interests
Michael Backes’ research interests include information security and privacy, especially foundations of computer security & privacy; design, analysis and verification for security-critical systems and services; and methods and tools for assessing and enhancing privacy in the Internet. His major current research focus is on providing foundations for privacy, accountability, compliance and trust in the Internet of the future.

Achievements/Awards
Michael Backes is the winner of numerous awards, among which are the IEEE Outstanding Community Service Award, ERC Synergy Grant, ERC Starting Grant, MIT TR35, IBM Faculty Award, Microsoft Privacy Award, and IBM Outstanding Achievement Award. He has been featured as the leading German researcher under the age of 40 by the German edition of the Financial Times, and has repeatedly ranked amongst the 30 most important IT people in Germany by the Computerwoche newspaper. Moreover, he was named as one of Germany’s “Digital Minds” by the German Computer Science Foundation and by Germany’s minister of research and education.

Roger Wattenhofer is a full professor at the Information Technology and Electrical Engineering Department, ETH Zurich, Switzerland. He received his doctorate in Computer Science in 1998 from ETH Zurich. From 1999 to 2001 he was in the USA, first at Brown University in Providence, RI, then at Microsoft Research in Redmond, WA. He then returned to ETH Zurich, originally as an assistant professor at the Computer Science Department.

Research Interests
Roger Wattenhofer’s research interests are a variety of algorithmic and systems aspects in computer science and information technology, currently in particular wireless networks, wide area networks, mobile systems, social networks, and physical algorithms.

Achievements/Awards
Roger Wattenhofer’s work is characterized by an unusual blend of basic and applied research, proving theorems on the one hand, and building practical systems on the other. He has more than 200 peer-reviewed publications in different areas, including Distributed Computing, Systems & Networking, and Theory of Computer Science. He has won several best paper awards at top conferences such as PODC, SPAA, DISC, and MobiCom. Moreover, he received the Winning Prize for Innovations in Distributed Computing in 2012, for “extensive contributions to the study of distributed approximation”. Some projects of Roger Wattenhofer have turned into startup companies, e.g. Wuala, StreamForge, BitSplitters, and several projects have been covered by popular media and blogs, e.g. Gizmodo, Lifehacker, New York Times, NBC News, NZZ, PC World Magazine, Red Herring, and Technology Review.
Matthias Seeger is a Principal Applied Scientist at Amazon. After his PhD (2003 at Edinburgh University), he worked at the University of California in Berkeley until 2005, and at the Max Planck Institute for Biological Cybernetics in Tübingen until 2008. He headed an independent research group within the DFG Cluster of Excellence on Multimodal Computing and Interaction at Saarland University and the MPI for Informatics in Saarbrücken until 2010. He was then an assistant professor at the School of Computer and Communication Sciences (EPFL), and from 2014 to 2016 a Senior Machine Learning Scientist at Amazon.

Research Interests
Matthias Seeger is interested in the theory, algorithmics, and practice of Bayesian techniques and probabilistic machine learning, with applications to computer vision and imaging, (medical) image processing, compressive sensing, bioinformatics, modelling of neural recordings, and advanced large-scale data analysis. His current research focusses on low-level image processing and sampling optimization (adaptive compressive sensing), with applications to magnetic resonance imaging.

Achievements/Awards
Matthias Seeger made seminal contributions to the theory, algorithmics, and implementation of nonparametric Gaussian process models, semisupervised learning, PAC-Bayesian learning theory, and variational approximations of Bayesian inference for sparse generalized linear models. He was an invited fellow at the Statistical Theory and Methods for Complex, High-Dimensional Data programme, Isaac Newton Institute, Cambridge, UK. In 2012 Matthias Seeger received the ERC Starting Grant from the European Research Council.

Since 2013, Nora Szech is a Professor for Political Economics at the Karlsruhe Institute of Technology (KIT). Before she joined, she was a Professor for Industrial Economics at the University of Bamberg. She did her PhD under the supervision of Benny Moldovanu at the Bonn Graduate School of Economics. After her PhD, she held a PostDoc Position (Akademischer Rat) at the Chair of Benny Moldovanu (Economic Theory) at the University of Bonn. Apart from the calls from KIT and Bamberg, Nora Szech has received calls to chairs from the Universities of Bonn, Konstanz, and Passau.

Research Interests
Nora Szech is a KIT Expert with a focus on market design, institutions, and moral values. She works theoretically as well as empirically in order to understand market mechanisms and their impact on welfare, revenues, and values.

Achievements/Awards
Nora Szech is a member of the Committee for Economic Theory (Theoretischer Ausschuss) within the Verein für Socialpolitik (since 2015). Moreover, she is elected as KIT Expert (since 2015), CESifo Research Network Fellow (since 2014), and WZB Fellow (since 2013). In 2011 she received the Reinhard-Selten Award. Previously, Nora Szech received the Dissertation Prize of the Bonn University Society for the Best Dissertation at the University of Bonn in 2010. Recently, Nora Szech was ranked by the German national daily “Süddeutsche Zeitung” among the 36 most influential German economists under the age of 50, from all varieties of fields within economics.
**Involved Projects**

The content-related design of the parallel sessions/workshops of the 10th Heinz Nixdorf Symposium will be done in close cooperation with several large-scale (DFG-funded) research projects in the corresponding areas. At this stage the following research projects have committed themselves to make decisive contributions:

- CoE “Multimodal Computing and Interaction MMCI”, MPI Saarbrücken (*Coordinator: Hans-Peter Seidel; Confirmed Speaker: Michael Backes*)
- SFB 876 “Providing Information by Resource-Constrained Data Analysis”, TU Dortmund (*Coordinator: Katharina Morik; Confirmed Speaker: Kristian Kersting*)
- SFB 912 “Highly Adaptive Energy-Efficient Computing (HAEC)”, TU Dresden (*Coordinator: Gerhard Fettweis; Confirmed Speaker: Frank Fitzek*)
- SFB 1053 “Multi-Mechanism Adaption for the Future Internet (MAKI)”, TU Darmstadt (*Coordinator: Ralf Steinmetz; Confirmed Speakers: Amr Rizk, Roland Kluge, Denny Stohr, Ralf Steinmetz*)
- SFB 1119 “Cryptography-Based Security Solutions: Enabling Trust in New and Next Generation Computing Environments (Crossing)”, TU Darmstadt (*Coordinator: Johannes Buchmann; Confirmed Speakers: Marc Fischlin, Thomas Schneider, Stefan Katzenbeisser*)
- SFB 1223 “Methods and Tools for Understanding and Controlling Privacy”, Saarland University Saarbrücken (*Coordinator & Confirmed Speaker: Michael Backes*)
- SPP 1496 “Reliably Secure Software Systems (RS3)” (*Coordinator: Heiko Mantel; Confirmed Speaker: Richard Gay*)
- SPP 1736 “Algorithms for Big Data” (*Coordinator: Ulrich Meyer; Confirmed Speaker: Eike Kiltz – Ruhr University Bochum*)
- FOR 1371 “Design & Behavior – Economic Engineering of Firms and Markets”, University of Cologne (*Coordinator: Axel Ockenfels; Confirmed Speakers: Vitali Gretschko, Peter Werner*)
- GK 1817 “New Challenges for Cryptography in Ubiquitous Computing (UbiCrypt)”, Ruhr University Bochum (*Coordinator: Alex May; Confirmed Speaker: Juraj Somorovsky*)

**Specials**

**Networking Meeting**

As a last-but-not-least item on the agenda of the first day, we will have a “Social Get Together” of all participating doctoral candidates in order to enable interdisciplinary discussions and knowledge sharing in a relaxed atmosphere. Organized in a kind of a “one-to-one science slam” the doctoral candidates will have the opportunity to present the research fields and key ideas of their dissertation projects to other participants. Besides the intention to extend the professional network of any participant, this should act as a nice transition to fruitful discussions during the subsequent evening event.
## Program

### Monday, 12th September 2016:

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:30 am</td>
<td>Welcome Reception (Exhibition area)</td>
</tr>
<tr>
<td>12:30 pm</td>
<td>Opening <em>(Friedhelm Meyer auf der Heide, UPB, Chairman of the SFB 901)</em> including welcome addresses</td>
</tr>
<tr>
<td>01:00 pm</td>
<td>Keynote Talk (Auditorium) <em>Towards Assessing and Controlling Privacy in Large-Scale, Open Networks</em> <em>Michael Backes (MPI Saarbrücken)</em></td>
</tr>
<tr>
<td>02:00 pm</td>
<td><em>1st parallel session</em> of the four Symposium workshops (Seminar rooms) (see page 14/15)</td>
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<tr>
<td></td>
<td>Software Engineering &amp; Machine Learning (Seminar room 3)</td>
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<td></td>
<td>Dynamic Communication Networks (Seminar room 1 + 2)</td>
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<td></td>
<td>Security &amp; Cryptography (Seminar room 4)</td>
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<td></td>
<td>Quality Assurance &amp; Economic Design (Seminar room 5)</td>
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<tr>
<td>04:00 pm</td>
<td>Coffee Break</td>
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<tr>
<td>04:30 pm</td>
<td>Keynote Talk (Auditorium) <em>Cryptocurrencies: Bitcoin, Blockchain &amp; Beyond</em> <em>Roger Wattenhofer (ETH Zurich)</em></td>
</tr>
<tr>
<td>05:30 pm</td>
<td>Socializing / Networking Meeting for all participating doctoral candidates (Seminar room 1 + 2)</td>
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<tr>
<td>06:45 pm</td>
<td>Bus transfer HNF – Schützenhof Paderborn</td>
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<tr>
<td>07:00 pm</td>
<td>Evening Event / Dinner <em>Schützenhof Paderborn (Ferrarisaal)</em> Mystery Dinner (in english)</td>
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### Tuesday, 13th September 2016:

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00 am</td>
<td>Keynote Talk (Auditorium) <em>Machine Learning at Amazon: An Overview</em> <em>Matthias Seeger (Amazon)</em></td>
</tr>
<tr>
<td>10:00 am</td>
<td>Coffee Break</td>
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<tr>
<td>10:30 am</td>
<td><em>2nd parallel session</em> of the four Symposium workshops (Seminar rooms) (see page 16/17)</td>
</tr>
<tr>
<td></td>
<td>Software Engineering &amp; Machine Learning (Seminar room 3)</td>
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<td></td>
<td>Dynamic Communication Networks (Seminar room 1 + 2)</td>
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<td></td>
<td>Security &amp; Cryptography (Seminar room 4)</td>
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<td>Quality Assurance &amp; Economic Design (Seminar room 5)</td>
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<tr>
<td>12:30 pm</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>02:00 pm</td>
<td>Keynote Talk (Auditorium) <em>Pleasures of Skill and Moral Conduct</em> <em>Nora Szech (KIT)</em></td>
</tr>
<tr>
<td>03:00 pm</td>
<td><em>3rd parallel session</em> of the four Symposium workshops (Seminar rooms) (see page 18/19)</td>
</tr>
<tr>
<td></td>
<td>Software Engineering &amp; Machine Learning (Seminar room 3)</td>
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<td></td>
<td>Dynamic Communication Networks (Seminar room 1 + 2)</td>
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<td></td>
<td>Security &amp; Cryptography (Seminar room 4)</td>
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<td>Quality Assurance &amp; Economic Design (Seminar room 5)</td>
</tr>
<tr>
<td>05:00 pm</td>
<td>Closing of the Symposium</td>
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1\textsuperscript{st} PARALLEL SESSION
OF THE FOUR SYMPOSIUM
WORKSHOPS

Monday, 12\textsuperscript{th} September 2016:
02:00 pm – 04:00pm

Software Engineering & Machine Learning
(Seminar room 3)
- Thomas Gärtner (University of Nottingham, Emmy Noether-Nachwuchsgruppe): Learning to Discover Structures
- Vitalik Melnikov (Paderborn University, SFB 901): Learning to Aggregate for Software Service Composition
- Martin Atzmüller (University of Kassel): Large-Scale Local Exceptionality Detection in Complex Data
- Oliver Niggemann (Hochschule Ostwestfalen-Lippe, inIT – Institut für industrielle Informationstechnik): Model-driven software development and machine learning: A case study in Industry 4.0

Dynamic Communication Networks (Seminar room 1 + 2)
- Ralf Steinmetz (TU Darmstadt, SFB 1053 – MAKI): Highly adaptive communication: Transitions in Future Networks
- Denny Stohr (TU Darmstadt, SFB 1053 – MAKI): QoE Analysis of DASH Cross-Layer Dependencies by Extensive Network Emulation
- Roland Kluge (TU Darmstadt, SFB 1053 – MAKI): Graph-Transformation-Based Development of Dynamic Topology Control Algorithms
- Amr Rizk (TU Darmstadt, SFB 1053 – MAKI): Dynamic communication on wireless uplinks: models of queue-aware scheduling

Security & Cryptography (Seminar room 4)
- Sven Bugiel / Erik Derr (Saarland University, CISPA): On Demystifying the Android Application Framework: Re-Visiting Android Permission Specification Analysis
- Daniel Demmler (TU Darmstadt, SFB 1119 – Crossing): Internet Routing Privacy with Secure Multi-Party Computation
- Stefan Katzenbeisser (TU Darmstadt, SFB 1119 – Crossing): DRAM PUFs
- Eric Bodden (Paderborn University, SFB 901): An In-Depth Study of More Than Ten Years of Java Exploitation

Quality Assurance & Economic Design (Seminar room 5)
- Vitali Gretschko (Universität Köln, FOR 1371 – Economic Engineering of Firms and Markets): Robust bidding
- Peter Werner (Universität Köln, FOR 1371 – Economic Engineering of Firms and Markets): CO2 Trading: Design and Behaviour
- Burkhard Hehenkamp (Paderborn University, SFB 901): Dark Side of the Force – Evolutionary Equilibrium in Stochastic Contests
2nd Parallel Session of the Four Symposium Workshops

Tuesday, 13th September 2016:
10:30 am – 12:30 am

Software Engineering & Machine Learning (Seminar room 3)
- Lars Schmidt-Thieme (University of Hildesheim, SPP 1527 – Autonomous Learning): Recommender systems for software engineering tasks
- Pawel Matuszyk (Otto von Guericke University Magdeburg): Parallel Hyperparameter Optimization for Recommender Systems
- Ulf Brefeld (Leuphana University of Lüneburg): Toward Adaptive User Interfaces
- Markus Dollmann (Paderborn University, SFB 901): On- and Off-Topic Classification and Semantic Annotation of User-Generated Software Requirements

Dynamic Communication Networks (Seminar room 1 + 2)
- Anja Feldmann (TU Berlin): Illegitimate Source IPs At Internet Exchange Points
- Klaus Wehrle (RWTH Aachen, ERC Consolidator Grant – SYMBIOSYS): Symbolic Analysis of Networked Systems
- Holger Karl (Paderborn University, SFB 901): A new view on distributed applications: System, network, application code

Security & Cryptography (Seminar room 4)
- Elena Kirshanova (Ruhr Uni Bochum, GK 1817 – UbiCrypt): The k-list algorithm and its Application in Cryptanalysis
- Juraj Somorovsky (Ruhr Uni Bochum, GK 1817 – UbiCrypt): DROWN: Breaking TLS using SSLv2
- Gennadij Liske (Paderborn University, SFB 901): Fully CCA-Secure Predicate Encryptions

Quality Assurance & Economic Design (Seminar room 5)
- Wojtek Przepiorka (Universiteit Utrecht): The Production of a Reputation Premium: Bargain Hunting and Herding in eBay Auctions
- Devesh Rustagi (Goethe University Frankfurt): Shades of Dishonesty and Informal Milk Markets in India
- Bernd Frick (Paderborn University, SFB 901): The Impact of Individual and Collective Reputation on Wine Prices: A Quantile Regression Approach
3\textsuperscript{rd} Parallel Session of the Four Symposium Workshops

Tuesday, 13\textsuperscript{th} September 2016:
03:00 pm – 05:00 pm

Software Engineering & Machine Learning (Seminar room 3)

- Ralf Reussner (KIT Karlsruhe, SPP 1593 – Design for Future – Managed Software Evolution): *Predictability + Division of Labor = Engineering of Software*
- Henning Wachsmuth (Bauhaus-Universität Weimar): *Self-supervised Learning for Online Adaptation*
- Christian Bockermann (TU Dortmund, SFB 876): *Design of a Realtime Analysis Engine for High-Volume Astroparticle Physics*

Dynamic Communication Networks (Seminar room 1 + 2)

- Christoph Lenzen (MPI Saarbrücken): *Parallel Metric Tree Embedding based on an Algebraic View on Moore-Bellman-Ford*
- Petra Berenbrink (Universität Hamburg): *Efficient Plurality Consensus on the Clique*
- Christian Scheideler (Paderborn University, SFB 901): *Towards highly robust overlay networks*
- Alexander Skopalik (Paderborn University, SFB 901): *Routing Games with Progressive Filling*

Security & Cryptography (Seminar room 4)

- Ulrich Rührmair (Ruhr Uni Bochum, GK 1817 – UbiCrypt): *Virtual Proofs of Reality and Their Physical Implementation*
- Oliver Schranz (Saarland University, CISPA): *The new Android Runtime and its security applications*
- Richard Gay (TU Darmstadt, SPP 1496 – RS\textsuperscript{3}): *Usage Control in Distributed Systems*
- Fabian Eidens / Volker Krummel (Paderborn University and Wincor Nixdorf, SFB 901): *Expressive practical credential systems from standard techniques*

Quality Assurance & Economic Design (Seminar room 5)

- Özgür Güererk (RWTH Aachen): *Understanding the Behavioural Drivers of Execution Failures in Retail Supply Chains: An Experimental Study Using Virtual Reality*
- Johannes Leder (University of Bamberg): *No Safety No Pay. Using Virtual Reality to model Prototypes for Risk Assessment in the Workplace*
- René Fahr (Paderborn University, SFB 901): *To the mean or not? How people aggregate customer reviews – Evidence from real time product decisions in the field*
Further information and updates for the program can be found at: www.hni.uni-paderborn.de/symposium2016

Organization
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Fürstenallee 7
33102 Paderborn, Germany
www.hnf.de

Supporters

SFB901
ON-THE-FLY COMPUTING

HEINZ NIXDORF INSTITUT
UNIVERSITÄT PACDERBORN

Heinz Nixdorf Stiftung

PADERBORN UNIVERSITY
The University for the Information Society

Evening Event

At the end of the first day, we sincerely invite you to our evening event held at Schützenhof Paderborn.

Schützenhof Paderborn
Ferrarisaal
Schützenplatz 1
33102 Paderborn, Germany

The Schützenhof is the venue nearest to the Symposium (5 minutes by foot) and offers an idyllic restaurant where we will have a gala dinner in a cozy atmosphere. As special entertainment there will be a theater play performed by professional actors, accompanying the dinner. Enjoy the delightful English mystery dinner with sporadic deaths...

Murder on Board, M´lord!
Admiral Lord Reginald Bromstroke invites Sussex VIPs to celebrate the 125th anniversary of victory at the Battle of Trafalgar at a dazzling Royal Navy Dinner. This year’s event is also being held in remembrance of his late wife, who was lost at sea. In light of these special circumstances the Admiral has promised family and guests an extraordinary surprise... but a murder is committed before he is able to announce it...

We are looking forward to spending an enjoyable, as well as interesting evening together with you.
**Hotels**

We have reserved rooms in two different hotels:

- **Welcome Hotel Paderborn**
- **Best Western Premier Arosa Hotel**

**Welcome Hotel Paderborn**
The Welcome Hotel Paderborn is nearest to the conference venue (5 minutes by foot) and offers all the facilities of a classical business hotel. A special conference rate of 94€ per night for a single room (which includes breakfast and free W-LAN) has been negotiated for you as a participant of the HNI Symposium. Additionally, you can book for a rate of 7€ per night a parking place if needed.

**Best Western Premier Arosa Hotel**
The Best Western Premier Arosa Hotel is centrally located and has a unique panoramic view of downtown Paderborn. A special conference rate of 72€ per night for a single room (which includes breakfast and W-LAN) has been negotiated for you as participant of the HNI Symposium. If needed, you can also book a parking spot for a rate of 10€ per night.

**Other Hotels**
If these hotels are booked out, alternative hotels in Paderborn (with no negotiated room rates) can be found via the tourist information website. For our part, we can recommend the following list of alternative hotels in Paderborn:

- Aspethera Hotel, Am Busdorf 7, Paderborn
- Hotel IBIS Paderborn City, Paderwall 1–5, Paderborn
- Galerie-Hotel Paderborn, Bachstr. 1, Paderborn
- Hotel zur Mühle, Mühlenstraße 2, Paderborn
- Hotel Stadthaus, Hathumarstr. 22, Paderborn

**Paderborn**
Paderborn is a modern city with a young population, but with a history that goes back over 1200 years. There are many places of historical interest to see. Most interestingly, high-tech and the Middle Ages go hand-in-hand in harmonious co-existence in this dynamic city pulsating with life, but still small enough to feel familiar. Situated on the River Pader, the town encompasses numerous parks, and is surrounded by beautiful countryside.

The first documentary mention of Paderborn dates back to the year 777. Paderborn long plays a major role in the Catholic Church (since 1929, Paderborn is an archbishopric). In 836, the holy relics of St. Liborius were transferred to Paderborn – this is celebrated every year during the Libori festival. In about 1000, Paderborn was awarded town status. The Paderborn University was founded in 1972.
Area Map of the Heinz Nixdorf MuseumsForum

1 2 Seminar room 1 | Seminar room 2
   Dynamic Communication Networks

3 Seminar room 3
   Software Engineering & Machine Learning

4 Seminar room 4
   Security & Cryptography

5 Seminar room 5
   Quality Assurance & Economic Design

6 Exhibition area
   Coffee, Lunch, Posters

7 Auditorium

8 Registration