PervasiveHealth 2014

**8th International Conference on
Pervasive Computing Technologies for Healthcare**

Technical Programme

OFFIS - Institute for Information Technology
Oldenburg, Germany
20 – 23 May 2014

Endorsed and organized by:

EAI | European Alliance for Innovation

Technical Sponsors:

CREATE-NET   acm   SIGCHI   special interest group computer human interaction   EAI Endorsed Transactions

Local host:

OFFIS

Welcome Message

Dear Guests,

In the name of the Organizing Committee, we would like to cordially welcome all participants of the 8th International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth) held during May, 20-23, 2014 in Oldenburg, Germany. We are proud to present 2 keynotes, 3 workshops, a Doctoral Colloquium, 20 presentations in 7 chaired oral sessions, a Poster and Demo Session.

PervasiveHealth is a premier international forum with specific focus on technologies and human factors related to the use of ubiquitous computing in healthcare and wellbeing. The overall goal of the PervasiveHealth Conference is to take a multidisciplinary approach to pervasive healthcare technology research and development. The pervasive healthcare community is addressing a broad scope of research topics and concerns:

* identify and understand problems from a technological, social, and medical perspective (with a particular emphasis on understanding and supporting patient needs);
* design, implementation, and evaluation of supporting hardware and software infrastructures, algorithms, and applications; and
* organizational strategies that facilitate integration of Pervasive Healthcare Technology into the healthcare enterprise.

The purpose of the PervasiveHealth Conference is to bring together researchers, practitioners, application developers, vendors and users to present, share and discuss their latest findings.

The program of this conference required the dedicated effort of many people. Firstly, we would like to thank the authors, whose research and development efforts are presented during the conference. Secondly, we thank the members of the Technical Program Committee and the Organizing Committee and the additional reviewers for their diligence and expert reviewing. Thirdly, we thank the keynote speakers for their invaluable contributions and for taking the time to synthesize and prepare their talks. Finally, special thanks to all the members of the EAI team whose collaboration was fundamental for the organization of this conference.

The chairs of the Technical Program Committee will distribute a Best Paper Award at the conference dinner. The decision is mainly based on the paper classifications provided by the Program Committee and the paper presentations at the conference.

We wish you all an exciting conference and an unforgettable stay in the city of Oldenburg.

Prof. Dr.-Ing. A. Hein	Prof. Dr. S. Boll	Prof. Dr. F. Köhler	J. Meyer
General Chair	TPC Chair	TPC Chair	Local Host

We thank our sponsors for their kind support of PervasiveHealth 2014 that considerably helped us setting up an exciting event.

Program at a Glance

Workshops and Doctoral Colloquium
Tuesday May 20, 2014

08:30	Registration and coffee
09:00	Workshops and Doctoral Colloquium
10:00	Coffee break
11:00	Workshops and Doctoral Colloquium (cont'd)
13:00	Lunch break (Diekert cafeteria, Fleiwa)
14:00	Workshops and Doctoral Colloquium (cont'd)
15:30	Coffee break
16:00	Workshops and Doctoral Colloquium (cont'd)

Conference Day 1
Wednesday May 21, 2014

08:30	Registration and coffee
09:30	Opening of conference, introduction and welcome
09:45	Keynote: Maturing pervasive health – where to from here? — G. Fitzpatrick
10:45	Coffee break
11:30	Session 1: Self management and pervasive health
13:00	Lunch break
14:30	Session 2: Sensors for pervasive health
16:00	Coffee break
16:30	Poster and Demo Presentation
17:30	Poster and Demo Session / Welcome Reception
19:00	End of program

Conference Day 2
Thursday May 22, 2014

08:30	Registration and coffee
09:00	Introduction and announcements
09:15	Session 3: Health information seeking
10:45	Coffee break
11:30	Session 4: Designing software for pervasive health
13:00	Lunch break
14:30	Session 5: User needs for pervasive health applications in the field
16:00	Coffee break
16:30	Session 6: Processes for pervasive health
17:30	End of program
18:00	Optional: Guided city tour
19:30	Gala dinner

Conference Day 3
Friday May 23, 2014

08:30	Registration and coffee
09:00	Introduction and announcements
09:15	Keynote: Looking Back and Looking Forward: Design of Pervasive Technologies for Health and Wellness — P. Klasnja
10:15	Coffee break
11:00	Session 7: Stress and adverse environments
12:30	Closing notes
12:45	Lunch
14:00	Optional: Lab visit

Workshops and Doctoral Colloquium

8:30	Registration and coffee
9:00	Workshops and Doctoral Colloquium
10:00	Coffee break
11:00	Workshops and Doctoral Colloquium (continued)
13:00	Lunch break (at Diekert cafeteria in the Fleiwa)
14:00	Workshops and Doctoral Colloquium (continued)
15:30	Coffee break
16:00	Workshops and Doctoral Colloquium (continued)

Workshop: REHAB – 2nd Patient Rehabilitation Research Techniques Workshop

Organizers   *Abdulrahman H. Altalhi,* King Abdulaziz University (KAU), Saudi Arabia
Habib M. Fardoun, King Abdulaziz University (KAU), Saudi Arabia
Pedro Gamito, Lusófona University, Portugal
Víctor Ruiz Penichet, University of Castilla-La Mancha, Spain
Sergio Albiol Peréz, University of Zaragoza, Spain

Rooms   Opening session: OFFIS, Conference Room F 02
Tracks: Fleiwa, rooms "Colloquium"

Joint Workshops: User-Centered Design of Pervasive Healthcare / Interdisciplinary Design of Pervasive Healthcare Applications

Organizers   *Shirley Beul-Leusmann,* RWTH Aachen University, Germany
Carsten Röcker, RWTH Aachen University, Germany
Martina Ziefle, RWTH Aachen University, Germany
Greg Wadley, University of Melbourne, Australia
Norimichi Ukita, Nara Institute of Science and Technology, Japan
Nadir Weibel, University of California San Diego, USA
Andreas Holzinger, Medical University Graz, Austria
Jan Van Ooteghem, Ghent University, IBCN – iMinds, Belgium
Femke Ongenae, Ghent University, IBCN – iMinds, Belgium
An Jacobs, Vrije Universiteit Brussel, SMIT – iMinds, Belgium
Pascal Wiggers, Amsterdam University of Applied Sciences, HvA, The Netherlands
Marije Kanis, Amsterdam University of Applied Sciences, HvA, The Netherlands

Room   OFFIS, room D21

Doctoral Colloquium

Lead: Katie Siek, Indiana University

Monitoring and Improving Mobility of the Elderly
Simone T. Boerema, Roessingh Research and Development

Detecting moments of needs to offer in situ support to enable long-term behavior change
Laura Pina

Supporting Intelligent Environment Occupants through Adaptive Fault Management
Guanitta Brady, Roy Sterritt, George Wilkie, School of Computing and Mathematics, University of Ulster

Ambient Activity Monitoring for Medical Applications in Multi-Perso Households
Sebastian Müller, OFFIS - Institute for Information Technology

Can we build a pervasive, private health monitoring system using a publicly accessible social media platform?
Chonlatee Khorakhun

Motivation and support in virtual group training environments for physical rehabilitation
Esther Moekotte, Roessingh Research and Development

Developing Mobile Image-based Applications to Support Compliance in Tuberculosis Treatment in Rural Africa
Haji Ali

Wearable Devices for Fall Risk Assessment
Pierpaolo Palumbo, Lorenzo Chiari, University of Bologna

The BCI as a Pervasive Technology
Chris Phillip Brennan, Paul McCullagh, Gaye Lightbody, Leo Galway, University of Ulster

Room: OFFIS, room E 02 / 03

Wednesday May 21, 2014

8:30	Registration and coffee
9:30	Opening of conference, introduction and welcome
9:45	**Keynote: Maturing pervasive health – where to from here?** Geraldine Fitzpatrick, Vienna University of Technology
10:45	Coffee break
11:30	Session 1: Self management and pervasive health

Session Chair: Stefan Wagner, Aarhus University, Denmark

Learning healthy habits with a mobile self-intervention
Janne Vainiom, Tampere University of Technology
Ilkka Korhonen, Tampere University of Technology
Kirsikka Kaipainen, VTT Technical Research Centre of Finland
Outi Kenttä, Tampere University of Technology
Joona Järvinen, Tampere University of Technology

Designing a Wellness Self-Management Tool for Older Adults – Results from a Field Trial of YourWellness
Julie Doyle
Lorcan Walsh, CASALA, Dundalk Institute of Technology
Antonella Sassu, CASALA, Dundalk Institute of Technology
Teresa McDonagh, CASALA, Dundalk Institute of Technology

Designing Wearable Interfaces for Knee Rehabilitation
Swamy Ananthanarayan, University of Colorado Boulder
Miranda Sheh, University of Colorado Boulder
Alice Chien, University of Colorado Boulder
Halley Profita, University of Colorado Boulder
Katie A. Siek, Indiana University Bloomington

13:00	Lunch break
14:30	Session 2: Sensors for pervasive health

Session Chair: Oscar Mayora, CREATE-NET, Italy

Automated Detection of Puffing and Smoking with Wrist Accelerometers
Qu Tang, Northeastern University
Damon Vidrine, The University of Texas MD Anderson Cancer Center
Eric Crowder, The University of Texas MD Anderson Cancer Center
Stephen Intille, Northeastern University

Is „Frequency Distribution" Enough to Detect Tremor in PD Patients Using a Wrist Worn Accelerometer?
Claas Ahlrichs
Albert Samà, Technical Research Centre for Dependency Care and Autonomous Living (CETpD)

Energy Harvesting from the Human Leg Motion
Nathalie Yarkony, FDA
Kamran Sayrafian, NIST
Antonio Possolo, NIST

16:00	Coffee break
16:30	Poster and Demo Presentation
17:30	Poster and Demo-Session and Welcome Reception (by kind invitation of CEWE)
19:00	End of program

Thursday May 22, 2014

8:30	**Registration and coffee**
9:00	**Introduction and announcements**
9:15	**Session 3: Health information seeking**

Session Chair: Matthew Lee, Philips Research, USA

Is it a Question of Trust? How Search Preferences Influence Forum Use
Jamie Crawford, Carnegie Mellon University
Cheng Guo, Carnegie Mellon University
Jessica Schroeder, Pomona College
Rosa Arriaga, Georgia Institute of Technology
J*ennifer Mankoff,* Carnegie Mellon University

Honorable Mention   **Gauging the Patient-Centered Potential of Online Health Seeking**
Matthew Bonner, Georgia Institute of Technology
Elizabeth D. Mynatt, Georgia Institute of Technology

Patient-Centered Tools for Medication Information Search
Lauren Wilcox, Columbia University
Steven Feiner, Columbia University
Noemie Elhadad, Columbia University
David Vawdrey, Columbia University

10:45	**Coffee break**
11:30	**Session 4: Designing software for pervasive health**

Session Chair: Lauren Wilcox, Columbia University

User-driven software design for an elderly care service robot
Norman Hendrich, University of Hamburg, Informatics
Hannes Bistry, University of Hamburg, Informatics
Benjamin Adler, University of Hamburg, Informatics
Jianwei Zhang, University of Hamburg, Informatics

A Lightweight High Capacity ECG Watermark with Protection against Data Loss
Arezou Soltani panah, RMIT University
Ron van Schyndel, RMIT University

A Biomechanical Analysis System of Posture
Alberto Bucciero, Italian National Research Council (CNR)
Stefano Santo Sabato, Mediasoft s.r.l.
Marco Zappatore, University of Salento

13:00	**Lunch break**

14:30	**Session 5: User needs for pervasive health applications in the field**

Best Paper Candidate

Findings of Mobile based Palliative Care System: Towards a Generic Framework for Measuring QoL
Md Haque, UAB
Md Adibuzzaman, Marquette University
Md Uddin, Marquette University
Ferdaus Kawser, Marquette University
Sheikh Ahamed, Marquette University
Richard Love, IBCRF
Rumana Dowla, Amader Gram
Reza Salim, Amader Gram
Tahmina Ferdousy, Amader Gram

Virtual Assistive Companion for Older Adults: Field Study and Design Implications
Christiana Tsiourti, University of Geneva
Cindy Wings-Kolgen, Orbis Medical and Healthcare group
Emilie Joly, University of Geneva
Katarzyna Wac, University of Geneva

Best Paper Candidate

In Situ Cues for ADHD Parenting Strategies Using Mobile Technology
Laura Pina, University of California at San Diego
Kael Rowan, Microsoft Research, Redmond WA
Asta Roseway, Microsoft Research, Redmond WA
Paul Johns, Microsoft Research, Redmond WA
Gillian Hayes, University of California at Irvine
Mary Czerwinski, Microsoft Research, Redmond WA

16:00	**Coffee break**

16:30	**Session 6: Processes for pervasive health**

Honorable Mention

RapidRead: Step-At-A-Glance Crisis Checklists
Jesse Cirimele, Stanford University
Leslie Wu, Stanford University
Kristen Leach, Stanford University
Larry Chu, Stanford Medical School
Kyle Harrison, Stanford Medical School
Stuart Card, Stanford University
Scott Klemmer, University of California, San Diego

Best Paper Candidate

Designing for Collaborative Reflection
Gabriela Marcu, Carnegie Mellon University
Anind K. Dey, Carnegie Mellon University
Sara Kiesler, Carnegie Mellon University

17:30	**End of program**
18:00	**Optional: Guided city tour**
19:30	**Gala dinner**

Friday May 23, 2014

8:30	**Registration and coffee**
9:00	**Introduction and announcements**
9:15	**Keynote: Looking Back and Looking Forward: Design of Pervasive Technologies for Health and Wellness** *Predrag Klasnja,* University of Michigan
10:15	**Coffee break**
11:00	**Session 7: Stress and adverse environments**

Session Chair: Pedja Klasnja, University of Michigan, USA

PopTherapy: Coping with Stress through Pop-Culture
Pablo Paredes, University of California - Berkeley
Ran Gilad-Bachrach, Microsoft Research
Mary Czerwinski, Microsoft Research
Asta Roseway, Microsoft Research
Kael Rowan, Microsoft Research
Javier Hernandez-Rivera, Massachusetts Institute of Technology

Towards Personal Stress Informatics: Comparing Minimally Invasive Techniques for Measuring Daily Stress in the Wild
Phil Adams, Department of Information Science, Cornell University
Mashfiqui Rabbi, Department of Information Science, Cornell University
Tauhidur Rahman, Department of Information Science, Cornell University
Mark Matthews, Department of Information Science, Cornell University
Amy Voida, School of Informatics and Computing, Indiana University, IUPUI
Geri Gay, Communication Department, Cornell University
Tanzeem Choudhury, Department of Information Science, Cornell University
Stephen Voida, School of Informatics and Computing, Indiana University

Evaluating Auditory Contexts and Their Impacts on Hearing Aid Outcomes with Mobile Phones
Octav Chipara, University of Iowa
Syed Shabih Hasan, University of Iowa
Yu-Hsiang Wu, University of Iowa
Nazan Aksan, University of Iowa

12:30	**Closing notes**
12:45	**Lunch**
14:00	**Optional Lab visit**

To be announced

List of posters

AAL-Technology Acceptance through Experience

Alina Huldtgren, Media Department, Duesseldorf University of Applied Sciences
Gabriela Ascencio, Department of Industrial Design, Delft University of Technology
Anna Pohlmeyer, Department of Industrial Design, Delft University of Technology
NataliaRomero Herrera, Department of Industrial Design, Delft University of Technology

Automatic Recognition of Fear-Avoidance behavior in Chronic Pain Physical Rehabilitation

Min Aung, University College London
Amanda Williams, University College London
Nadia Bianchi-Berthouze, University College London

NavMem Explorer: An Orientation Aid for People with Mild Cognitive Impairments

Benjamin Poppinga, University of Oldenburg
Wilko Heuten, OFFIS - Institute for Information Technology
Susanne Boll, University of Oldenburg

Data-Dependent Controller Synthesis to Enable Reliable and Safe Interoperability of Medical Devices

Franziska Bathelt-Tok, Technische Universität Berlin
Sabine Glesner, Technische Universität Berlin
Oliver Blankenstein, Charité Berlin

Does external environment affect stride length?

Matthew Patterson, Insight Centre
Darragh Whelan, Insight Centre
Niamh Caprani, Insight Centre
Alan Smeaton, Insight Centre
Brian Caulfield, Insight Centre

Emergency App for People with Hearing and Speech Disabilities: Design, Implementation and Evaluation according to Legal Requirements in Germany

Jens Weppner, German Research Center for Artificial Intelligence and University of Kaiserslautern
Paul Lukowicz, German Research Center for Artificial Intelligence and University of Kaiserslautern

Investigating issues related to pediatric diabetes education: problems and barriers

Damyanka Tsvyatkova, IDC, University of Limerick
Cristiano Storni, IDC, University of Limerick

List of posters (cont.)

Performance Evaluation of Decision Tree Classifiers for the Prediction of Response to treatment of Hepatitis C Patients

AbuBakr Awad, Computer Science Department Faculty of Computers and Information, Cairo, University, Cairo
Awad Tahany, Endemic Medicine and Hepatology Department, Faculty of Medicine, Cairo University, Cairo
Naglaa Zayed, Endemic Medicine and Hepatology Department, Faculty of Medicine, Cairo University, Cairo
Sherif Mousa, Endemic Medicine and Hepatology Department, Faculty of Medicine, Cairo University, Cairo
Mahasen Mabrouk, Endemic Medicine and Hepatology Department, Faculty of Medicine, Cairo University, Cairo
Mohamed Saeed, Endemic Medicine and Hepatology Department, Faculty of Medicine, Cairo University, Cairo

Pervasive Eating Habits Monitoring and Recognition through Wearable Acoustic Sensors

Yin Bi, Northeastern University
Wenyao Xu, The State University of New York at Buffalo
Nan Guan, Northeastern University
Yangjie Wei, Northeastern University
Wang Yi, Northeastern University

Towards Accurate Non-Intrusive Recollection of Stress Levels Using Mobile Sensing and Contextual Recall

Tauhidur Rahman, Information Science, Cornell University, Ithaca, New York,
Mi Zhang, Information Science, Cornell University, Ithaca, New York
Stephen Voida, School of Informatics and Computing, Indiana University, Indianapolis, Indiana

List of demos

ASSESS MS: detecting MS progression with computer vision
Cecily Morrison, Microsoft Research
Robert Corish, Microsoft Research
Abigail Sellen, Microsoft Research

Common Ambient Assisted Living Home Platform for Seamless Care
Stefan Wagner, Aarhus University

HeartBeat Demonstrator: Tactile Support for Keeping a Target Heart Rate
Janko Timmermann, OFFIS - Institute for Information Technology
Benjamin Poppinga, OFFIS - Institute for Information Technology
Wilko Heuten, OFFIS - Institute for Information Technology
Susanne Boll, University of Oldenburg

OCareClouds: improving home care by interconnecting elderly, care networks and their living environments
Floris Van den Abeele, Department of Information Technology (INTEC), Ghent University – iMinds
Jeroen Hoebeke, Department of Information Technology (INTEC), Ghent University - iMinds
Femke De Backere, Department of Information Technology (INTEC), Ghent University - iMinds
Femke Ongenae, Department of Information Technology (INTEC), Ghent University – iMinds
Pieter Bonte, Department of Information Technology (INTEC), Ghent University – iMinds
Stijn Verstichel, Department of Information Technology (INTEC), Ghent University – iMinds
Tommy Carlier, Televic Healthcare
Pieter Crombez, Televic Healthcare
Kevin De Gryse, Telecom IT
Stefan Danschotter, Telecom IT
Ingrid Moerman, Department of Information Technology (INTEC), Ghent University – iMind
Filip De Turck, Department of Information Technology (INTEC), Ghent University - iMinds

WaterJewel: Be Aware of Your Daily Servings of Water With an LED-illuminated Bracelet
Jutta Fortmann, University of Oldenburg
Vanessa Cobus, University of Oldenburg
Susanne Boll, University of Oldenburg
Wilko Heuten, OFFIS - Institute for Information Technology

Maturing pervasive health – where to from here?

Geraldine Fitzpatrick

At the first PervasiveHealth conference in 2006, pervasive health was defined from two perspectives: "the development and application of pervasive computing […] technologies for healthcare, health and wellness management; [and making] healthcare available to anyone, anytime, and anywhere […] while increasing both the coverage and quality of healthcare", where the conference aimed to cover three main challenge areas: "mobile and wireless technologies for pervasive healthcare, medical aspects of pervasive healthcare, and management of pervasive healthcare." The 2014 conference reflects similar themes.

Where are we at with these challenges? Since 2006, there has been unprecedented growth and maturing of mobile and wireless technologies, with healthcare, health and well-being being a key target area. It could be argued that to date it has been technology-led, albeit driven by very real health/care needs. But how well are these technologies being integrated into the broad spectrum of health and care and what impact are they having? What could maturing pervasive health look like? Drawing on experiences from more general health IT and 'behaviour change' areas, I will reflect on some of the lessons learnt and propose some challenges and opportunities for pervasive health moving forward.

Geraldine Fitzpatrick, PhD, is a Professor of Design and Assessment of Technology in the Faculty of Informatics at the Vienna University of Technology, and Head of the Institute of Technology Design and Assessment, and Head of the Human Computer Interaction Group. Her research is at the intersection of social and computer sciences, with a particular interest in technology-support for healthcare, health and well-being and older people, and supporting collaboration/social interaction and quality of life more generally. She was previously Director of the Interact Lab at the Uni of Sussex, User Experience consultant at Sapient London, Snr Researcher at the Center for Online Health and the Distributed Systems Technology Centre in Australia, and also has a clinical background. She is a co-editor of CSCW journal, plays key roles in CSCW/CHI related international conferences, and is co-author with Gunnar Ellingsen of "A Review of 25 Years of CSCW Research in Healthcare: Contributions, Challenges and Future Agenda".

Looking Back and Looking Forward: Design of Pervasive Technologies for Health and Wellness.

Predrag „Pedja" Klasnja

Since the mid 2000s, HCI and UbiComp researchers have developed a variety of pervasive technologies to help individuals live healthier lives, and in the last few years such systems have entered the mainstream via commercial products such as Fitbit and Nike+. Although the sophistication of these systems has advanced a great deal, the majority of today's personal-health technologies rely on the same handful of strategies for supporting healthy behaviors that were used ten years ago. In this talk, I review how the design of pervasive systems for health and wellness has evolved over the last decade, and I outline the key directions where I think the field should be moving next.

Predrag „Pedja" Klasnja is an Assistant Professor in the School of Information and the Department of Health Behavior and Health Education at the University of Michigan. He works at the intersection of Human-Computer Interaction and Health Informatics, investigating how mobile technologies can help individuals manage their health in everyday life. Pedja holds a Ph.D. in Information Science from the University of Washington, where he was also a National Library of Medicine Postdoctoral Fellow in Biomedical and Health Informatics.

Practical Information

Conference Desk
The Conference Desk, located in the entry hall of OFFIS, is open throughout the conference. The conference team will be happy to help you with your registration, and with all other issues.

Accessing the WLAN
Within the OFFIS building a WLAN is available in all rooms. Login to WLAN "pervasive Health" using the password "pervasive2014".
During the workshop day within the Fleiwa building a personal login is required for the WLAN. This is available to all participants of a workshop taking place in the Fleiwa rooms and is handed out at the conference desk.

Lunch
At the workshop day (Tuesday), lunch will be served in the cafeteria of „Fleiwa", located in the ground floor of the Fleiwa-tower, opposite to the OFFIS building. Student volunteers will show the way.

At the conference days, Wednesday to Friday, lunch will be sponsored by, and served at „Johanniter-Unfall-Hilfe e.V."(JUH, the german sister organization of St John Ambulance), located 200m from the OFFIS building, right hand side of the Fleiwa tower. Student volunteers will show the way.

Guided Tour
A guided tour (given in English) showing the nicest spots in the historical downtown area of Oldenburg, will be offered before the gala dinner. The tour will start near the Oldenburg Castle and will end at the gala dinner's location „Horst Janssen Museum" (see below). The tour will take about 90 minutes. The number of participants to this tour is limited to 50. Please register on a first come first serve basis at the conference desk.

Gala Dinner
A conference gala dinner will take place in Horst Janssen Museum (Am Stadtmuseum 4-8).

Your dietary needs that you pointed out during registration will be taken care of. If you have any further needs let us know as soon as possible. If you want to bring a guest let us know as soon as possible.

Horst Janssen (1929 – 1995) was a German draftsman, printmaker, poster artist and illustrator. He had a prolific output of drawings, etchings, woodcuts, lithographs and wood engravings. His work is shown internationally in major museums. The Horst Janssen Museum in his hometown of Oldenburg is dedicated to his legacy.
Horst Janssen is an honorary citizen of the city of Oldenburg, where he was buried, according to his own will. His grave is close to the Horst-Janssen-Museum.

Source: Horst Janssen Museum

The Horst Janssen Museum was opened in 2000, showing 1800 pieces on about 1.000m^2. The many facets of Janssens's art are shown in a permanent exhibition. Changing exhibitions show works of artists which influenced Janssen, such as Goya, Rembrandt, and Egon Schiele. A library contains 25.000 volumes, including publications of Janssen.

Directions

Getting from the train station Oldenburg to OFFIS

OFFIS is located about 3 km from the Oldenburg central train station. We recommend taking a taxi for this short trip.

Getting from the airport Bremen to OFFIS

Bremen Airport is about 45 km from Oldenburg. Several possible combinations of tram, taxi and train can be used to get to Oldenburg. Listed in the order slowest and cheapest to fastet and most expensive, the possibilities are:

Tram to Bremen train station (approx € 1,50) then train to Oldenburg (approx € 6)
Taxi to Bremen train station (approx € 10) then train to Oldenburg (approx € 6)
Taxi direct to Oldenburg (approx € 50)
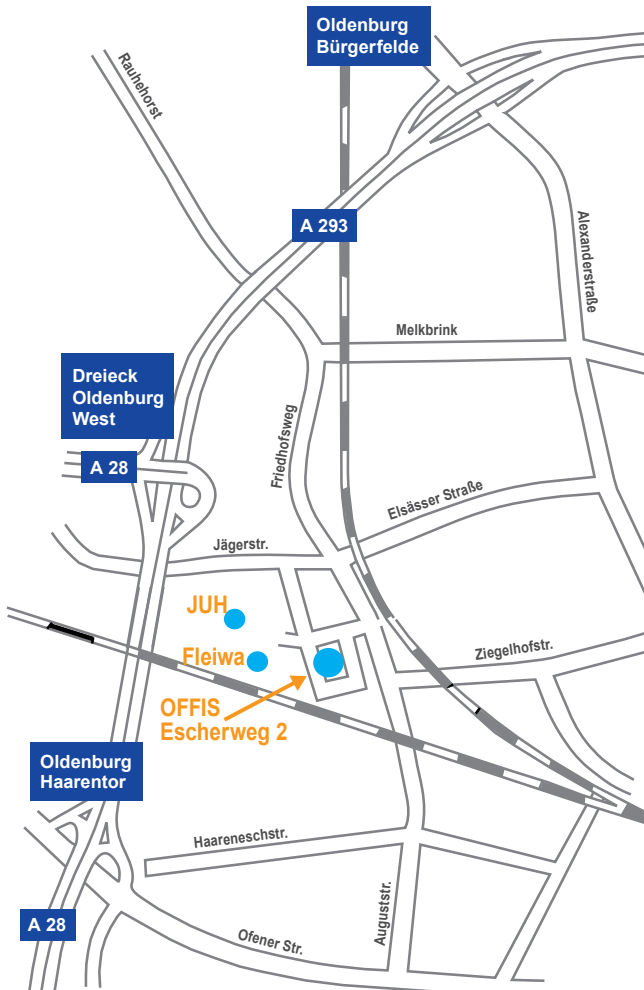
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Ernö Kovacs, NEC Laboratories Europe
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Lauren Wilcox, Georgia Institute of Technology
Doctoral Colloquium Chair
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Medical Perspectives Chairs
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Map of Oldenburg City Center
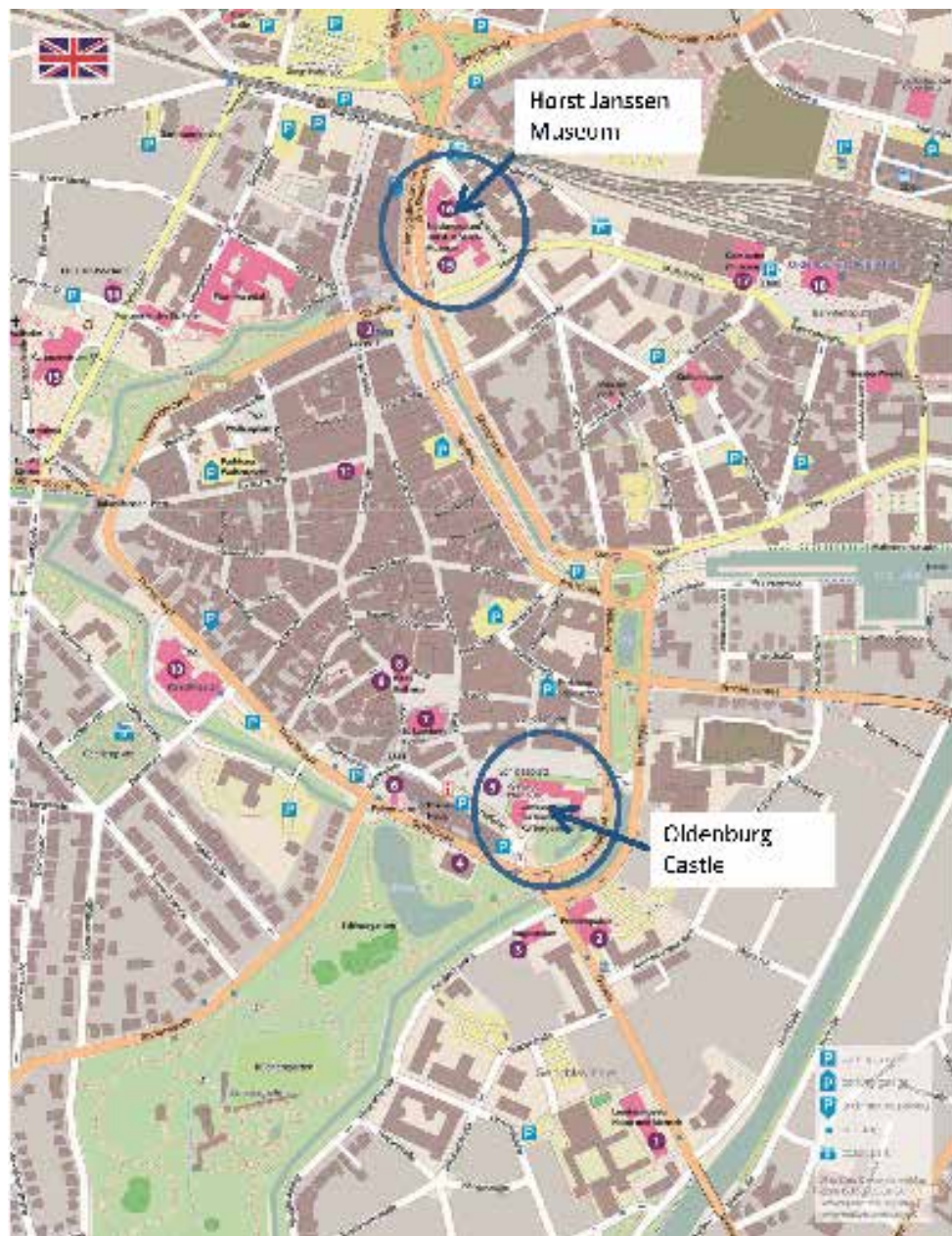
courtesy of Touristinfo Oldenburg

1 Landesmuseum Natur und Mensch Oldenburg
(1842/46 and 1876/79)

The State Museum of Natural and Human History was opened in 1836 by Grand Duke Paul Friedrich August as a natural history museum and moved to its current location in 1880. It is home to an important collection with the departments Archeology, Ethnology and Natural History with the permanent interdisciplinary exhibitions „Moorland and Sandy Heathland" and "Coast and Marshland".

2 Prinzenpalais (1826)

The Classicistic building was the residence of the Russian princes Alexander and Peter. Later, Grand Duke Nikolaus Friedrich Peter moved into this building. Since 2003 it has been part of the State Museum of Art and Cultural History.

3 Augusteum (1876)

In 1876 the Augusteum opened as Oldenburg's first art museum. It was built in the neo-Renaissance style.

4 Elisabeth-Anna-Palais (1894/1896) and Schlossgarten (1814)

The red-brick secular building is adorned with many ornaments and Baroque attributes. It was built for Oldenburg's last Grand Duke Friedrich August as a new residential palace for the Duke's family and is named after his wife Elisabeth Anna of Prussia, who died while it was being built. The adjacent Palace Garden is a 44-acre historic park in the style of an English landscape garden. It was laid out in the period from 1804 to 1819 by order of Duke Peter Friedrich Ludwig of Oldenburg by Julius Friedrich Wilhelm Bosse, the court gardener at that time.

5 Schloss (1607), Schlossplatz with Schlosswache (1839)

Count Anton Günther had the renaissance palace built as his residence. Under Duke Peter Friedrich Ludwig the interior was redesigned in the Classicistic style. Since 1923 it has housed part of the State Museum of Art and Cultural History. In 1839 the palace guard house was erected as the last building of the „Schlossfreiheit" (residential area surrounded by palace walls). The building is considered one of the most successful creations of the Classicistic age in Oldenburg.

6 Pulverturm (16. Jahrhundert)

The „Pulverturm" (powder magazine) is the last remaining building of Oldenburg's ancient town fortifications. It was actually only used to store gunpowder under the Danish between 1730 and 1766.

7 St. Lamberti-Kirche (13th century / renovated in 19th century)

The church was built as a Romanesque hall church between 1155 and 1234 and was altered several times. Today its outward appearance hides the rotunda style basilica based on the Roman Pantheon inside the building.

8 Rathaus (1888)

In 1635 Count Anton Günther had a Renaissance town hall built here. In 1886 it was torn down and replaced by today's building with elements in the neo-Gothic and neo-Renaissance style.

9 Haus "Degode" (1502)

The half-timbered house is appointed with an impressive painted wooden

ceiling from the 17th century inside. It shows an allegoric depiction of the world view prevalent at that time.

10 Oldenburgisches Staatstheater (1893)

The impressive building is captivating with its Classicistic columned portico and the neo-Baroque interior appointments of the so-called "Big House". The modern annex houses the "Small House".

11 Haus "Graf Anton Günther" (1682)

The house with the facade redesigned in the neo-Renaissance style in 1894 and a depiction of Count Anton Günther was used by merchants and tobacco manufacturers.

12 Lappan (1467/68)

The bell tower, which once belonged to „Heiligen-Geist-Spital" (Holy Spirit Hospital), is one of few buildings to survive the town fire of 1676 unscathed. In 1709 the shingle roof was replaced with a copper cap.

13 Peter-Friedrich-Ludwig-Hospital (1838/41)

The former hospital was named after Duke Peter Friedrich Ludwig, who had various Classicistic buildings erected during his reign. It has been used as a cultural center since 1984.

14 Edith-Russ-Haus

The EDITH RUSS HOUSE originated from an endowment by Edith Ruß, a secondary school teacher in Oldenburg, and is solely devoted to art that uses new media.

15 Stadtmuseum Oldenburg

The Oldenburg City Museum came about in 1913 as a foundation of the Oldenburg art collector Theodor Francksen. Today the Oldenburg City Museum consists of the Theodor Francksen Foundation, The Bernhard Winter Foundation, the Department of Local History, the New Gallery with changing exhibitions and the Museum Library.

16 Horst-Janssen-Museum

The museum devoted to the artist Horst Janssen was opened in 2000 with 1,800 works from the Janssen collection. Horst Janssen was a graphic artist, etcher, lithographer, woodblock print artist, author, poster artist and illustrator. The many facets of his artistic talent are the topic of the permanent exhibition.

17 Oldenburger Computer-Museum (reopening March 2014)

In Germany's only home computer museum, visitors cannot only view the home computers and game consoles of the 70's and 80's arranged in chronological order - they can also try them.

18 Bahnhofsgebäude - station building (1912/15)

The art nouveau building houses a waiting room well worth seeing, which once served as a waiting and boarding area for the Grand Duke's family. Today the ticket sales area of the Deutsche Bahn (German Railways) is located there.

Play movie!

Oberbürgermeisterstadt Oldenburg.
Good for explorers.

OLDENBURG

Notes