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Ternopil National Economic University,
Ternopil, Ukraine



Jürgen Sieck,
University of Applied Sciences,
Berlin, Germany

International Program Committee Co-Chairmen



Vladimír Haasz,
Faculty of Electrical Engineering
Czech Technical University in Prague
Prague, Czech Republic



Kurosh Madani,
Images, Signals & Intelligent Systems
Lab, University PARIS-EST Créteil,
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Oleksiy Roshchupkin
Elisabeth Sieck, Germany
Vladyslav Shults, Ukraine

Conference Timetable

Wednesday, September 11, 2013 (HTW - Campus, Wilhelminenhof)				
5:00 PM –	H(FKI) Entrance Area			
7:00 PM	Registration			
7:00 PM –	Welcoming Reception			
9:00 PM				
Thursday, September 12, 2013 (HTW - Campus, Wilhelminenhof)				
8:00 AM –	H(FKI) Entrance Area			
5:00 PM	Registration			
9:00 AM –	Room A (H001)			
10:00 AM	Opening			
10:00 AM –	Room A (H001)			
11:00 AM	Plenary Session T1			
	Hermann Heßling The Challenge of Managing and Analysing Big Data Chair: Kurosh Madani			
11:00 AM –	G Foyer			
11:20 AM	Coffee Break			
	Room A H001	Room B G007	Room C G008	Room D H106
11:20 AM –	Session TA1:	Session TB1:	Session TC1:	Session TD1:
1:00 PM	Advanced Instrumentation and Data Acquisition Systems Chair: Fernando Lopes Pena	Data Analysis and Modeling Chair: John Kalomiros	Special Stream in Wireless Systems Co-Chairs: Uwe Grossmann, Axel Sikora	Information Computing Systems for Education and Commercial Applications Chair: Vitaly Klyuev
1:00 PM –	G Mensa - Cafeteria			
2:00 PM	Lunch:			
2:00 PM –	G Foyer			
3:00 PM	Poster session TP Co-Chairs: Evren Eren, Nicholas Kirsch			

3:00 PM – 4:40 PM	Room A H001 Session TA2: Special Stream in Intelligent Robotics and Components Co-Chairs: Richard Duro, Yuriy Kondratenko	Room B G007 Session TB2: Pattern Recognition and Digital Image and Signal Processing Chair: Sigeru Omatu	Room C G008 Session TC2: Special Stream in Project Management Co-Chairs: Peter Reusch, Igor Kononenko	Room D H106 Session TD2: Intelligent Information Systems, Data Mining and Ontology Chair: Miki Sirola
4:40 PM – 5:00 PM	G Foyer Coffee Break			
5:00 PM – 8:00 PM	City Tour			

Friday, September 13, 2013
(HTW - Campus, Wilhelminenhof)

8:00 AM – 4:40 PM	H(FKI) Entrance Area Registration			
8:30 AM – 9:30 AM	Room A (H001) Plenary Session F1 Wolfgang Gentzsch Paving the way to HPC as a Service – The UberCloud HPC Experiment Chair: Robert Hiromoto			
9:30 AM – 11:10 AM	Room A H001 Session FA1: Advanced Instrumentation and Data Acquisition Systems Chair: Orest Ivakhiv	Room B G007 Session FB1: Special Stream in High Performance Computing Co-Chairs: Volodymyr Turchenko, Dora Heras	Room C G008 Session FC1: Special Stream in Cyber Security, Co-Chairs: George Markowsky, Igor Kotenko	Room D H106 Session FD1: Special Stream in eLearning Management Co-Chairs: Albrecht Fortenbacher, Alexander Drozd
11:10 AM – 11:30 AM	G Foyer Coffee Break			
11:30 AM – 1:10 PM	Room A H001 Session FA2: Special Stream in Advanced Information Technologies in Ecology Co-Chairs: Yury Kolokolov, Kondo H. Adjallah	Room B G007 Session FB2: Data Analysis and Modeling Chair: Linas Svilainis	Room C G008 Session FC2: Special Stream in Wireless Systems Co-Chairs: Uwe Grossmann, Axel Sikora	Room D H106 Session FD2: Intelligent Distributed Systems and Remote Control Chair: Wieslaw Winiecki
1:10 PM – 2:10 PM	G Mensa - Cafeteria Lunch			
2:10 PM – 3:00 PM	G Foyer Poster Session FP Co-Chairs: Anna Monovskaya, Viktor Krylov			

3:00 PM – 4:40 PM	Room A H001 Session FA3: Special Stream in Intelligent Robotics and Components Co-Chairs: Richard Duro, Yuriy Kondratenko	Room B G007 Session FB3: Pattern Recognition and Digital Image and Signal Processing Chair: Vladimir Jotsov	Room C G008 Session FC3: Special Stream in Project Management Co-Chairs: Peter Reusch, Igor Kononenko	Room D H106 Session FD3: Artificial Intelligence and Neural Networks for Advanced Data Acquisition and Computing Systems Chair: Hirotaka Inoue
7:00 PM- 10:00 PM	Freiheit 15, 12555 Köpenick Conference Dinner			

**Saturday, September 14, 2013
(HTW - Campus, Wilhelminenhof)**

8:00 AM – 1:30 PM	H(FKI) Entrance Area Registration			
8:30 AM – 9:30 AM	Room A (H001) Plenary Session S1 Serge Demidenko Taming the Electronic Beast: New and Not-so-New Problems in Modern Semiconductor Testing Chair: Vladimir Haasz			
9:30 AM – 11:10 AM	Room A H001 Session SA1: Advanced Instrumentation and Data Acquisition Systems Chair: Grigore Stamatescu	Room B G007 Session SB1: Special Stream in High Performance Computing Co-Chairs: Volodymyr Turchenko, Dora Heras	Room C G008 Session SC1: Special Stream in Cyber Security Co-Chairs: George Markowsky, Igor Kotenko	Room D H106 Session SD1: Advanced Mathematical Methods for Data Acquisition, Diagnostics, and Networking Chair: Mykhaylo Dorozhovets
11:10 AM – 11:50 AM	G Foyer Coffee Break + Poster Session SP Co-Chairs: Veska Gancheva, Yuriy Zhukov			
11:50 AM – 1:30 PM	Room A (H001) Round Table and Closing Ceremony Co-Chairs: Anatoly Sachenko, Juergen Sieck			
1:30 PM – 2:30 PM	G Mensa - Cafeteria Lunch:			

Conference Technical Program

Wednesday, September 11, 2013

HTW - Campus, Wilhelminenhof

5:00 PM – 7:00 PM

Registration: H(FKI) Entrance Area

7:00 PM – 9:00 PM

Welcoming Reception

Thursday, September 12, 2013

HTW - Campus, Wilhelminenhof

8:00 AM – 5:00 PM

Registration: H(FKI) Entrance Area

Room A (H001)

9:00 AM – 10:00 AM

Opening

10:00 AM – 11:00 AM

Hermann Heßling – “The Challenge of Managing and Analysing Big Data”

Chair: Kurosh Madani

11:00 AM – 11:20 AM

Coffee Break: G Foyer

11:20 AM – 1:00 PM

Session TA1: Advanced Instrumentation and Data Acquisition Systems

Chair: Fernando Lopes Pena

Room: **A** H001

1. i13-073. ADC Non-linearity Correction Based on INL(n) Approximation – experimental verification. *Petr Suchanek, Vladimir Haasz, David Slepicka*. Czech Republic.
2. i13-075. Measurement Time as a Limiting Factor for the Accurate Acquisition of Repeatable Waveforms. *He Yin, Mohammad Mani, Omar Sonbul, Alexander Kalashnikov*. United Kingdom.
3. i13-100. Methods of Electrical Appliances Identification in Systems Monitoring Electrical Energy Consumption. *Robert Łukaszewski, Krzysztof Liszewski, Wiesław Winiecki*. Poland.
4. i13-145. An Automated Measurement Bench for Vibration-based Energy Harvesting Systems. *Ioannis Kosmadakis, Vasileios Konstantakos, Theodore Laopoulos, Stylianos Siskos*. Greece.
5. i13-173. Temperature Field Control Method Based On Neural Network. *Hryhoriy Sapojnyk, Orest Kochan, Roman Kochan*. Ukraine.

11:20 AM – 1:00 PM

Session TB1: Data Analysis and Modeling

Chair: John Kalomiros

Room: **B** G007

1. i13-096. Perspectives in Science. *Miki Sirola*. Finland, Espoo.
2. i13-163. Designing a Polynomial Regression Experiment at Researching Into Decision Rules of Signal Recognition by Modeling. *Alexey Fedorov, Anatoliy Omelchenko*. Ukraine.
3. i13-224. Natural Development of the Resources in Design and Testing of the Computer Systems and Their Components. *Julia Drozd, Alexander Drozd, Svetlana Antoshchuk, Vyacheslav Kharchenko*. Ukraine.
4. i13-215. Improvement to Approaches to the Problem of Ethernet Networks Traffic Modeling. *Eugene Rozdimakha, Anatoliy Omelchenko, Alexey Fedorov*. Ukraine.
5. i13-206. Adaptive Model of Fermentation Processes under Uncertainty Conditions. *Yuriy Pigovsky, Roman Pasichnyk, Su Jun, Pavlo Bykovyy*. Ukraine.

11:20 AM – 1:00 PM

Session TC1: Special Stream in Wireless Systems

Co-Chairs: Uwe Grossmann, Axel Sikora

Room: C G008

1. i13-117. Radio-Based Human Tracking for Large Indoor Environments using Distributed Centroid Location Estimation. *Andreas Fink, Helmut Beikirch*. Germany.
2. i13-065. Pedestrian Smartphone Based Localization for Large Indoor Areas. *Mircea Strutu, Daniel Caspari, Johannes Pickert, Uwe Grossmann, Dan Popescu*. Romania.
3. i13-268. Using Prior Measurements to Improve Probabilistic-based Indoor Localization Methods. *Ranita Bera, Nicholas Kirsch, Tat S. Fu*. United States.
4. i13-139. Safe@Home – A Wireless Assistance System with Integrated IEEE 802.15.4a Localisation Technology. *Angela Lottis, Daniel Heß, Torben Bastert, Christof Röhrig*. Germany.
5. i13-269. Accelerated Learning in Machine Learning-based Resource Allocation Methods for Heterogenous Networks. *Jonathan Tefft, Nicholas Kirsch*. United States.
6. i13-243. MICARES: Mote Expansion Module for Gas Sensing Applications. *Grigore Stamatescu, Dan Popescu, Valentin Sgârciu*. Romania.

11:20 AM – 1:00 PM

Session TD1: Information Computing Systems for Education and Commercial Applications

Chair: Vitaly Klyuev

Room: D H106

1. i13-192. A Gesture Controlled Game for a Media Facade. *Uwe Gropengießer, Marcus Sellmann, Fokke Vermeulen, Michael Thiele-Maas, Jürgen Sieck*. Germany.
2. i13-321. Business Intelligence as a Service for Cloud-based Applications. *Volker Herwig*. Germany.
3. i13-217. Integration of a Social Media Platform into University Information Architecture. *Christian Neumann, Ontje Helmich, Michael Herzog*. Germany.
4. i13-293. Advanced Analytics Methods and Intelligent Applications in Education. *Vladimir Jotsov*. Bulgaria.
5. i13-240. The Problem of Data Persistency in Distributed Real-Time Interactive Applications. *Max Knemeyer, Alexander Ploss, Frank Glinka, Mohammed Nsaif, Sergei Gorlatch*. Germany.

1:00 PM – 2:00 PM

Lunch: G Mensa - Cafeteria

2:00 PM – 3:00 PM

Poster Session TP: G Foyer

Co-Chairs: Evren Eren, Nicholas Kirsch

1. Wireless Systems

1. i13-251. Packet Loss Concealment using Piggybacking for Speech over IP Network Services. *Fatiha Merazka*. Algeria.
2. i13-302. Using the Modified Correction Code Based on Residue Number System in WSN. *Vasyl Yatskiv, Nataliya Yatskiv, Su Jun, Anatoly Sachenko, Hu Zhengbing*. Ukraine.
3. i13-208. A Distributed Middleware for Applications of the Internet of Things. *Eileen Kühn, Matthias Prellwitz, Maurus Rohrer, Jürgen Sieck*. Germany.
4. i13-074. Adaptive Control Method of Network Data Flow for QoS Providing. *Olena Slavko*. Ukraine.

7. Advanced Instrumentation and Data Acquisition Systems

1. i13-292. Diagnostic Metodology for the Primary Coxarthrosis based on Objective Measures. *Domenico Carnì, Francesco Lamonaca, Francesco Nastro, Alfonso Nastro, Monica Vasile*. Italy.
2. i13-126. Qualitative and Quantitative Research on Pesticide Chemical Admixture in Liquids. *Maryna Mikhalieva, Mykola Mykyichuk, Tetiana Bubela, Taras Boyko, Olha Malyk*. Ukraine.
3. i13-170. Possibilities of Precision Ohmmeter Calibration in the Exploitation Condition. *Vasyl Yatsuk, Roman Yanovych, Yuriy Yatsuk, Volodymyr Zdeb*. Ukraine.
4. i13-175. Measurement of relative quality ratios using the immitance parameters. *Yevgen Pokhodylo, Stepan Ostapchak*. Ukraine.
5. i13-204. Method of Microprocessors Average Energy Consumption Measurements. *Volodymyr Kochan, Orest Kochan, Oleksandr Osolinskiy*. Ukraine.
6. i13-122. DAQ Systems for Smartphones and Tablets: Advanced Design Approach. *Sergey Yurish, Javier Cañete*. Spain.
7. i13-106. Experimental Stress Assessment in Biomedical Measurement Class. *Ondřej Bruna, Jan Holub, Pavel Pačes*. Czech Republic.
8. i13-284. Modeling Of Alive Neural Network Memory as Glushkov Developing System Of Neuron Interaction By Differential Equation With Delay. *Valery Pisarenko, Alexandr Koval*. Ukraine.

10. Advanced Mathematical Methods for Data Acquisition, Diagnostics, and Networking

1. i13-116. Application of Lattice Neural Networks for Modeling of Stationary Physical Fields. *Nikolai Korsunov, Vladimir Mikhelev, Alexei Lomakin*. Russian Federation.
2. i13-232. Fuzzy Data Processing Method. *Lesia Dubchak, Nadiya Vasylykiv, Volodymyr Kochan, Andriy Lyapandra*. Ukraine.
3. i13-274. Neural Network Software Diagnosis System of Telemetry Data. *Valentin Ganchenko, Alexander Doudkin, Alexander Inyutin, Yauheni Marushko, Leonid Podenok, Rauf Sadykhov*. Belarus.

11. Pattern Recognition and Digital Image and Signal Processing

1. i13-289. Application of the Artificial Neural Network for Blood Pressure Evaluation with Smartphones. *Francesco Lamonaca, Kurt Barbe, Yuriy Kurylyak, Domenico Grimaldi, Wendy Van Moer, Angelo Furfaro, Vitaliano Spagnuolo*. Italy.
2. i13-212. Algorithm of Face Angle Estimation in the Image. *Igor Frolov, Rauf Sadykhov, Andrew Osipov*. Belarus.

12. Data Analysis and Modeling

1. i13-129. Developing Text and Speech Databases for Speech Recognition of Vietnamese. *Nguyen Thien Chuong, Josef Chaloupka*. Czech Republic.
2. i13-196. Adaptation of the Multi-Layer Allocation Problem for Warehouse Layout Optimization: a Case Study. *Giovanni Mirabelli, Teresa Pizzuti, Demetrio Laganà*. Italy.
3. i13-210 Interpolation Method of Nonlinear Dynamical Systems Identification Based on Volterra Model in Frequency Domain. *Vitaliy Pavlenko, Sergei Pavlenko, Viktor Speranskyy*. Ukraine.
4. i13-253. Computer Diagnosing the Control Object Emergency Conditions Using Cluster Analysis. *Nadia Shyrmovska, Yaroslav Nykolaychuk, Arthur Voronych, Tetyana Zavedyuk*. Ukraine.

3:00 PM – 4:40 PM

Session TA2: Special Stream in Intelligent Robotics and Components

Co-Chairs: Richard Duro, Yuriy Kondratenko

Room: A H001

1. i13-150. Policy-based Self-configuration of Autonomous Systems Information Inputs. *Michal Podpora, Aleksandra Kawala-Janik, Mariusz Pelc*. United Kingdom.

2. i13-090. Common Framework Model for Multi-purpose Underwater Data Collection Devices Deployed with Remotely Operated Vehicles. *Mitrut Corneliu Caraivan, Valentin Dache, Valentin Sgarciu*. Romania.
3. i13-121. Artificial Curiosity Driven Autonomous Knowledge Discovery Based on Learning by Interaction. *Dominik Ramik, Christophe Sabourin, Kurosh Madani*. France.
4. i13-225. Slip Displacement Sensors For Intelligent Robots: Solutions and Models. *Yuriy Kondratenko, Leonid Klymenko, Volodymyr Kondratenko, Galyna Kondratenko, Eduard Shvets*. Ukraine.
5. i13-272. Intelligent Method of Robots Teaching by Show. *Felix Kulakov, Svetlana Chernakova*. Russian Federation.

3:00 PM – 4:40 PM

Session TB2: Pattern Recognition and Digital Image and Signal Processing

Chair: Sigeru Omatu

Room: **B G007**

1. i13-159. Adaptive Trained Filters With SSIM Optimization and Pixel Value Truncation for Video Upscaling. *Zenoviy Veres, Adrian Nakonechny*. Ukraine.
2. i13-094. Addressing the Training Problem in Cellular Automata based Hyperspectral Image Segmentation. *Blanca Priego, Daniel Souto, Francisco Bellas, Richard Duro*. Spain.
3. i13-110. Optimization of a Scale-Invariant Feature Detector using Scale-Space Scans. *John Kalomiros*. Greece.
4. i13-161. Implementation of an Inexpensive EEG Headset for the Pattern Recognition Purpose. *Aleksandra Kawala-Janik, Michal Podpora, Mariusz Pelc, Pawel Piatek, Jerzy Baranowski*. United Kingdom.
5. i13-326 Image de-noising based on optimized NLM algorithm. *Volodymyr Fedak, Adrian Nakonechny*. Ukraine.

3:00 PM – 4:40 PM

Session TC2: Special Stream in Project Management

Co-Chairs: Peter Reusch, Igor Kononenko

Room: **C G008**

1. i13-082. Sustainable Procurement Extending Project Procurement Concepts and Processes Based on PMBOK. *Omarlyn Ojeda, Peter Reusch*. Germany.
2. i13-119. Perception of Complexities in Development Projects. *Bassam Hussein, Pedro Silva, Giedre Pigagaite*. Norway.
3. i13-061. Recent Developments in Risk Management in Projects. *Wolfgang Tysiak*. Germany.

4. i13-249. Adapting American ERP Systems for China: Cross-Cultural Issues and a Case Study. *Yiqi Lin, Linda Markowsky, Shuanxi Liu, George Markowsky*. United States.
5. i13-098. How to Develop Lean Project Management? *Peter Reusch, Pascal Reusch*. Germany.
6. i13-288. Prescription for Poland: Disruptive Innovative e-Health Ecosystem for Regenerative Medicine in Poland. *Mirosław Miller, Andrzej Rucinski, Marek Girek*. Poland.

3:00 PM – 4:40 PM

Session TD2: Intelligent Information Systems, Data Mining and Ontology

Chair: Miki Sirola

Room: **D** H106

1. i13-245. A Data Mining Approach to Reduce the Number of Maintenance Visits in the Medical Domain. *Markus Ullrich, Klaus ten Hagen, Jörg Lässig*. Germany.
2. i13-205. Data - Based Scheduling Production with Simulation and Optimization Methods. *Tadeusz Witkowski*. Poland.
3. i13-256. Decision Support System of Software Architect. *Alexandr Harchenko, Ihor Bodnarchuk, Iryna Halay*. Ukraine.
4. i13-108. An Online System for Neuroelectromagnetic Source Imaging. *Christof Pieloth, Jorge Pizarro, Thomas Knösche, Burkhard Maess, Mirco Fuchs*. Germany.
5. i13-237. The Program of Hepatorenal Syndrome at the Persons Abusing Alcohol Screening Carrying out. *Alexey Lagunov, Darina Lagunova, Irina Berdennikova*. Russian Federation.

4:40 PM – 5:00 PM

Coffee Break: G Foyer

5:00 PM – 8:00 PM

City Tour

Friday, September 13, 2013

HTW - Campus, Wilhelminenhof

8:00 AM – 4:40 PM

Registration: H(FKI) Entrance Area

Room A (H001)

8:30 AM – 9:30 AM

Wolfgang Gentsch - “Paving the way to HPC as a Service – The UberCloud HPC Experiment”

Chair: Robert Hiromoto

9:30 AM – 11:10 AM

Session FA1: Advanced Instrumentation and Data Acquisition Systems

Chair: Orest Ivakhiv

Room: A H001

1. i13-069. An Autonomous Scale Ship Model for Towing Tank Testing. *Fernando Lopez Peña, Marcos Miguez Gonzalez, Alvaro Deibe, Daniel Pena, Felix Orjales.* Spain.
2. i13-107. Design and implementation of Virtual Security Appliances (VSA) for SME. *Kai-Oliver Detken, Marcel Jahnke, Henk Birkholz, Christoph Dwertmann.* Germany.
3. i13-064. A Low Latency and Accurate Procedure for Sine-Wave Frequency Estimation. *Daniel Belega, Dario Petri, Dominique Dallet.* Romania.
4. i13-133. Investigation of the Ultrasonic Transducer Suitability for Spread Spectrum Systems. *Linas Svilainis, Vytautas Dumbrava, Andrius Chaziachmetovas, Darius Kybartas, Valdas Eidukynas.* Lithuania.
5. i13-109. Computer Devices and Mobile Information Technology for Precision Farming. *Olexander Palagin, Volodymyr Romanov, Igor Galelyuka, Oleksandr Voronenko, Dmytro Artemenko, Oleksandra Kovyrova, Yevgeniya Sarakhan.* Ukraine.

9:30 AM – 11:10 AM

Session FB1: Special Stream in High Performance Computing

Co-Chairs: Volodymyr Turchenko, Dora Heras

Room: **B** G007

1. i13-103. A Novel Partitioning and Tracing Approach for Distributed Systems Based on Vector Clocks. *Robert Hoettger, Burkhard Igel, Erik Kamsties*. Germany.
2. i13-171. A Big Data File Transfer Tool for Tablet-Class Machines. *Tevaganthan Veluppillai, Brandon Ortiz, Robert Hiromoto*. United States.
3. i13-186. Partitioning and Mapping a Fast Level-set Algorithm on the GPU. *Julián Lamas-Rodríguez, Dora Heras, Francisco Argüello, Stefan Zachow, Dagmar Kainmueller*. Spain.
4. i13-211. Scaling of Parallel Multiple Sequence Alignment on the Supercomputer JUQUEEN. *Plamenka Borovska, Veska Gancheva, Soon-Heum Ko*. Bulgaria.
5. i13-037. Efficient Parallelization of Batch Pattern Training Algorithm on Many-core and Cluster Architectures. *Volodymyr Turchenko, George Bosilca, Aurelien Bouteiller, Jack Dongarra*.

9:30 AM – 11:10 AM

Session FC1: Special Stream in Cyber Security

Co-Chairs: George Markowsky, Igor Kotenko

Room: **C** G008

1. i13-242. Strong Passwords: Practical Issues. *Keisuke Kato, Vitaly Klyuev*. Japan.
2. i13-207. Computer Attack Modeling and Security Evaluation based on Attack Graphs. *Igor Kotenko, Andrey Chechulin*. Russian Federation.
3. i13-228. A Novel Scheme for Privacy Preserving in RBAC. *Vladimir Oleshchuk*. Norway.
4. i13-314. Was the 2006 Debian SSL Debacle a System Accident? *George Markowsky*. United States.
5. i13-118. Concept of Parallel Code Refactoring System For Safety Standards Compliance. *Peter Jurnečka, Peter Hanáček, Matej Kačic*. Czech Republic.

9:30 AM – 11:10 AM

Session FD1: Special Stream in eLearning Management

Co-Chairs: Albrecht Fortenbacher, Alexander Drozd

Room: **D** H106

1. i13-068. On the Scope and the Structure of E-learning Platforms at Universities. *Peter Reusch*. Germany.
2. i13-070. E-learning Concept for the Properties of Materials Remote Study. *Peter Arras, Galyna Tabunshchyk, Tomáš Kozík*. Belgium.

3. i13-221. LeMo: a Learning Analytics Application Focusing on User Path Analysis and Interactive Visualization. *Albrecht Fortenbacher, Liane Beuster, Margarita Elkina, Leonard Kappe, Agathe Merceron, Andreas Pursian, Sebastian Schwarzrock, Boris Wenzlaff*. Germany.
 4. i13-312. Maturity and Customer Centricity of “Knowledge Management Maturity Models” (KMMM). *Clemens Siegfanz*. Germany.
 5. *i13-282. Massive Open Online Courses in Ukraine. *Vladimir Kukhareno*. Ukraine.
- * remote talk

11:10 AM – 11:30 AM
Coffee Break: G Foyer

11:30 AM – 1:10 PM
Session FA2: Special Stream in Advanced Information Technologies in Ecology

Co-Chairs: Yury Kolokolov, Kondo H. Adjallah
Room: A H001

1. i13-313. A Smart Control to Operate the Lighting System in the Road Tunnels. *Domenico Luca Carni, Domenico Grimaldi, Francesco Lamonaca, Luigi Martirano, Giuseppe Parise*. Italy.
2. i13-162. New Paradigm for Lifecycle Data Collection for Eco-Management of Distributed Units of a Multi-Sources Renewable Energy System. *Kondo Adjallah, Zhouhang Wang, Maen Atli, Wenjie He*. France.
3. i13-091. Environmental Safety of Pulse Energy Conversion. *Yury Kolokolov, Anna Monovskaya*. Russian Federation.
4. i13-092. Computational Researches: Reasoning on Evolution of Technical and Biological Systems. *Yury Kolokolov, Anna Monovskaya*. Russian Federation.
5. i13-080. Multiagent Aerial Vehicles System for Ecological Monitoring. *Alexey Bobtsov, Alexandr Borgul*. Russian Federation.

11:30 AM – 1:10 PM
Session FB2: Data Analysis and Modeling
Chair: Linas Svilainis
Room: B G007

1. i13-244. Implementation of Search Mechanism for Implicit Dependences in Process Mining. *Olga Kalynychenko, Sergii Chalyi, Yevgeniy Bodyanskiy, Vira Golian, Nataliia Golian*. Ukraine.

2. i13-140. Using F - Test for the Indirect Detecting of the Autocorrelation of Random Observations. *Mykhaylo Dorozhovets*. Poland-Ukraine.
3. i13-311. Assigning Tolerances by Normalization Method. *Galina Shilo*. Ukraine.
4. i13-218. Wavelet Transform Domain Adaptive Clustering for Electronic Product Quality Inspection. *Galina Shcherbakova, Viktor Krylov, Radmila Pisarenko, Vadym Kuzmenko*. Ukraine.
5. i13-182. The Conditional Least Squares Method for Thermocouples Error Modeling. *Valeriy Yeromenko, Orest Kochan*. Ukraine.

11:30 AM – 1:10 PM

Session FC2: Special Stream in Wireless Systems

Co-Chairs: Uwe Grossmann, Axel Sikora

Room: C G008

1. i13-250. Ad-hoc Media Facade. *Pavlo Ilin, Jürgen Sieck, Volodymyr Brovkov*. Germany.
2. i13-151. The Impact of NLOS Components in Time-of-Flight Networks for Indoor Positioning Systems. *Alex Moschevikin, Alexandr Galov, Sergey Reginya, Alexander Volkov, Axel Sikora*. Russian Federation.
3. i13-079. Malware Injection in Wireless Networks. *Matej Kacic, Petr Hanacek, Martin Henzl, Peter Jurnecka*. Czech Republic.
4. i13-270. Machine-to-Machine Communication for Optimization of Information Chain in Agricultural Business. *Sebastian Gansemer, Uwe Grossmann, Bettina Horster, Thomas Horster-Möller, Christian Rusch*. Germany.
5. i13-078. GPRS and UMTS Services for Ultra Low Energy M2M-Communication. *Axel Sikora, Amalia Yunitasari, Martin Dold*. Germany.
6. i13-153. Wireless Sensor Network Based on Multilevel Femtocells for Home Monitoring. *Andrei Maciuca, Dan Popescu, Mircea Strutu, Grigore Stamatescu*. Romania.

11:30 AM – 1:10 PM

Session FD2: Intelligent Distributed Systems and Remote Control

Chair: Wieslaw Winiecki

Room: D H106

1. i13-197. Interactive Media Facade Web Application with ClusterGL. *Andreas Buff, Thomas Gerlach, René Helbig, Toralf Kampe, Gyuzel Kasimova, Arend Müller, Markus Paeschke, Jürgen Sieck*. Germany.
2. i13-209. Precise Synchronization In Large Distributed Systems. *Vojtěch Vigner, Jan Breuer*. Czech Republic.
3. i13-213. Application Infrastructure Management System for Media Facades. *Stephan Bergemann, Jürgen Sieck*. Germany.
4. i13-067. Low Cost Ultrasonic Wireless Distributed Security System for Intrusion Detection. *Omar Sonbul, Alexander Kalashnikov*. Saudi Arabia.

5. i13-165. Decentralized Energy Equalizer for a Balancing Aggregation of Production and Consumption of Energy in Scalable Units. *Kilian Henneboehle, Nursi Karaoglan, Markus Kuller, Ingo Kunold*. Germany.

1:10 PM – 2:10 PM

Lunch: G Mensa - Cafeteria

2:10 PM – 3:00 PM

Poster Session FP: G Foyer

Co-Chairs: Anna Monovskaya, Viktor Krylov

2. Project Management

1. i13-286. Knowledge Base as Informatization Project. *Sergey Rippa, Nataliia Kasatkina*. Ukraine.
2. i13-300. Model of Project Management Based on System Approach. *Zbyshek Dombrowski, Oleg Sachenko, Michael Dombrowskiy, Oksana Rymar*. Ukraine.
3. i13-141. Impact of Organizational Factors on Information System Project. *Bassam Hussein, Kristin Hafselid*. Norway.
4. i13-298. Determination of Enterprise Value by Using the Fuzzy Pay-Off Method for Real Option Valuation. *Marian Turek, Adam Sojda*. Poland.
5. i13-325. Software Ontology Subject Domain Intelligence Diagnostics of Computer Means. *Vasyl' Lyashkevych, Oksana Olar, Mariia Liashkevych*. Ukraine.

5. eLearning Management

1. i13-184. Simulation of Computer Adaptive Learning and Improved Algorithm of Pyramidal Testing. *Taras Lendyuk, Sergey Rippa, Svitlana Sachenko*. Ukraine.
2. i13-276. Web-Based Notation of Mathematical Text Preserving Semantics for Scientific and Educational Communication. *Anatolii Vovk, Denys Girnyk*. Ukraine.
3. i13-279. Web Analytics in e-Learning: Agent-based and Neural Network Approaches. *Viktor Artemenko*. Ukraine.
4. i13-281. Using of Social Networks in Educational Process. *Nataliya Kalinenko, Vladimir Krasnopolskyi, Vladimir Kukharenko, Alexander Serebryakov*. Ukraine.

6. Advanced Information Technologies in Ecology

1. i13-085. Monitoring of Karst-Suffusion Formation in Area of Nuclear Power Plant. *Ruslan Sharapov, Oleg Kuzichkin*. Russian Federation.

2. i13-105. Automation and Intellectualization to Control the Ecological Situation in the Urbanized Territories. *Olga Ivashchuk, Orest Ivashchuk*. Russian Federation.
3. i13-111. Metod of Determining the Epicenter of Geomagnetic Disturbance. *Nikolay Dorofeev*. Russian Federation.
4. i13-146. Development of Geographical Information - Analytical System for Magnetotelluric Geodynamic Monitoring. *Roman Romanov*. Russian Federation.
5. i13-190. Approaches to Creating Environment Safety Automation Control System of the Industrial Complex. *Igor Konstantinov, Olga Ivashchuk*. Russian Federation, Belgorod.
6. i13-193. Study of Multiple-Stage Continuous-Discrete Port Overload Systems. *Alexander Prokhorenkov, Roman Istratov, Valeriy Sharapov, Alexander Sovlukov*. Russian Federation.
7. i13-199. Study of Operation Regimes in Thermal Power Supply Systems for Objects of Far North Municipal Power Engineering. *Alexander Prokhorenkov, Alexander Sovlukov, Alexei Ovseichik*. Russian Federation.
8. i13-077. Seismoelectric Control of Geodynamic Processes in Natural-Technical Systems. *Artem Bykov, Oleg Kuzichkin*. Russian Federation.

8. Intelligent Distributed Systems and Remote Control

1. i13-095. Distributed Computer System for Monitoring and Control of Thermoacoustic Processes. *Yuriy Kondratenko, Volodymyr Korobko, Oleksiy Korobko*. Ukraine.
2. i13-072. Cloud Traffic Monitoring and Control. *Vladimir Hahanov, Wajeb Gharibi, Baghdadi Ammar Awni Abbas, Svetlana Chumachenko, Olesya Guz, Eugenia Litvinova*. Ukraine.

9. Artificial Intelligence and Neural Networks for Advanced Data Acquisition and Computing Systems

1. i13-160. Neuro-Fuzzy Sensor's Linearization Based FPGA. *Mounir Bouhedda*. Algeria.
2. i13-157. Use of Artificial Neural Networks for Identifying Risk Factors for Recurrent Falls. Comparison With Other Eight Prediction Models. *Cyrille Launay, Vasilii Gromov, Cédric Annweiler, Olivier Beauchet, Anastasiia Kabeshova*. France.
3. i13-290. Control System of Robot Movement. *Yuriy Hirnyak, Orest Ivakhiv, Markiyan Nakonechnyi, Taras Repetylo* Ukraine.
4. i13-183. GNU Prolog-PHP Multi-Tier Integration. *Rafał Szklarczyk*. Poland.

3:00 PM – 4:40 PM

Session FA3: Special Stream in Intelligent Robotics and Components

Co-Chairs: Richard Duro, Yuriy Kondratenko

Room: A H001

1. i13-291. Designing a Modular Robotic Architecture for Industrial Applications. *Andrés Faiña, Félix Orjales, Daniel Souto, Francisco Bellas, Richard Duro*. Spain.
2. i13-294. Polymetric Sensing of Intelligent Robots. *Yuriy Zhukov, Boris Gordeev, Aleksey Zivenko*. Ukraine.
3. i13-198. The Method of Identification of Underwater Vehicle Mathematical Model Parameters. *Vladimir Filaretov, Dmitry Yukhimets, Eduard Mursalimov*. Russian Federation.
4. i13-220. The Simple Behavioral Model of Autonomous Mobile Robot for Territory Cleaning. *Oksana Pomorova, Dmytro Medzaty, Dmytro Ivanchishin*. Ukraine.
5. i13-260. Mobile Autonomous University Robots AMUR: Technology and Applications to Extreme Robotics. *Vladimir Filaretov, Valentin Pryanichnikov*. Russian Federation.

3:00 PM – 4:40 PM

Session FB3: Pattern Recognition and Digital Image and Signal Processing

Chair: Vladimir Jotsov

Room: B G007

1. i13-154. Investigation of the Time of Flight Estimation Errors Induced by Neighboring Signals. *Linas Svilainis, Arturas Aleksandrovas, Kristina Lukoseviciute, Valdas Eidukynas*. Lithuania.
2. i13-164. Human Gaze Tracking in 3D Space With An Active Multi-Camera System. *Stanislav Panev, Plamen Petrov, Ognian Boumbarov, Krasimir Tonchev*. Bulgaria.
3. i13-136. Background Substraction in Grayscale Images Algorhythm. *Rauf Sadykhov, Siarhei Kuchuk*. Belarus.
4. i13-083. Distributed data acquisition and control system for an scaled autonomous vehicle. *Tilman Happek, Uwe Lang, Torben Bockmeier, Dimitrji Neubauer, Alexander Kuznietsov*. Germany.
5. i13-203. Comparative Analysis of 3D Face Recognition Algorithms using Range Image and Curvature-Based Representations. *Krasimir Tonchev, Agata Manolova, Ihor Paliy*. Bulgaria.

3:00 PM – 4:40 PM

Session FC3: Special Stream in Project Management

Co-Chairs: Peter Reusch, Igor Kononenko

Room: C G008

1. i13-086. Innovation Management Processes for Academic Research. *Carsten Wolff, Burkhard Igel, Uwe Lauschner*. Germany.
2. i13-101. Factors Influencing Project Success Criteria. *Bassam Hussein*. Norway.
3. i13-177. Towards Measuring the Country Specific Project Risks. *Konrad Spang, Rao Aamir Khan*. Germany.
4. i13-125. Selection Method of the Project Management Methodology and its Application. *Igor Kononenko, Anna Kharazii, Nataliia Iranik*. Ukraine.
5. i13-174. Event Management – a Special Kind of Project Management. *Peter Reusch, Pascal Reusch*. Germany.

3:00 PM – 4:40 PM

Session FD3: Artificial Intelligence and Neural Networks for Advanced Data Acquisition and Computing Systems

Chair: Hirotaka Inoue

Room: D H106

1. i13-223. Odor Classification by Neural Networks. *Sigeru Omatu*. Japan.
2. i13-148. Multiclass Amber Gemstones Classification With Various Segmentation and Committee Strategies. *Saulius Sinkevicius, Arūnas Lipnickas, Kęstas Rimkus*. Lithuania.
3. i13-194. A Study on an Efficiency of New Exponential Evolutionary Programming. *Kohei Mukaihara, Hirotaka Inoue*. Japan.
4. i13-039. Multisensors Signal Processing Using ANFIS. *Nataliya Roshchupkina, Radislav Smid, Oleksiy Roshchupkin, Anatoly Sachenko, Volodymyr Kochan*. Ukraine.
5. i13-195. Self-Organizing Neural Grove. *Hirotaka Inoue, Kyoshiro Sugiyama*. Japan.

7:00 PM – 10:00 PM

Conference Dinner: Freiheit 15, 12555 Köpenick

Saturday, September 14, 2013

HTW - Campus, Wilhelminenhof

8:00 AM – 1:30 PM

Registration: H(FKI) Entrance Area

Room A (H001)

8:30 AM – 9:30 AM

Serge Demidenko - “Taming the Electronic Beast: New and Not-so-New Problems in Modern Semiconductor Testing”

Chair: Vladimir Haasz

9:30 AM – 11:10 AM

Session SA1: Advanced Instrumentation and Data Acquisition Systems

Chair: Grigore Stamatescu

Room: A H001

1. i13-222. Software VLBI correlator - Practical Approach. *Marcin Lawenda, Norbert Meyer, Jan Weglarz, Rafal Sarniak*. Poland.
2. i13-216. Near Surface Soil Characterizations Through Soil Apparent Resistivity: a Case Study. *Zamri Chik, Taohidul Islam*. Malaysia.
3. i13-033. Composite Materials Nondestructive Testing System Based on Low Frequency Acoustic Methods. *Volodymyr Eremenko, Anton Pereidenko, Evgeniy. Suslov, Tetyana Lutsenko*. Ukraine.
4. i13-149. Development of an Odor-discriminating Sensor-Array for the Detection of the Aroma of Ascomycete Tuber. *Despoina Zampioglou, John Kalomiros*. Greece.
5. i13-007. Approaches of Voltage Divider Development for Metrology Verification of ADC. *Roman Kochan, Orest Kochan, Mykhaylo Chyrka, Pavlo Bykovyy, Su Jun*. Ukraine.

9:30 AM – 11:10 AM

Session SB1: Special Stream in High Performance Computing

Co-Chairs: Volodymyr Turchenko, Dora Heras

Room: **B G007**

1. i13-187. SI-based Scheduling of Scientific Experiments on Clouds. *Elina Pacini, Cristian Mateos, Carlos García Garino*. Argentina.
2. i13-144. User Clients for Working with Medical Images in Ukrainian Grid Infrastructure. *Oleksandr Sudakov, Mikhail Kononov, Ievgen Sliusar, Andrii Salnikov*. Ukraine.
3. i13-016. Applications of Neural-based Spot Market Prediction for Cloud Computing. *Richard Wallace, Volodymyr Turchenko, Mehdi Sheikhalishahi, Iryna Turchenko, Vladyslav Shults, Jos'e Luis Vazquez-Poletti, Lucio Grandinetti*. United States.
4. i13-246. Cloud Computing Platform within Grid Infrastructure. *Vladislav Falfushinsky, Olena Skarlat, Vadim Tulchinsky*. Ukraine.
5. i13-120. Hardware Models for Automated Partitioning and Mapping in Multi-core Systems. *Lukas Krawczyk, Erik Kamsties*. Germany.

9:30 AM – 11:10 AM

Session SC1: Special Stream in Cyber Security

Co-Chairs: George Markowsky, Igor Kotenko

Room: **C G008**

1. i13-115. New possibilities for Memory Acquisition by enabling DMA using network card. *Štefan Balogh, Miroslav Mydlo*. Slovakia.
2. i13-202. Assessment of the Source Code Static Analysis Effectiveness for Security Requirements Implementation Into Software Developing Process. *Oksana Pomorova, Dmytro Ivanchyshyn*. Ukraine.
3. i13-233. Security Metrics for Risk Assessment of Distributed Information Systems. *Igor Kotenko, Elena Doynikova*. Russian Federation.
4. i13-277. Investigation of Payment Cards Systems Information Security Control. *Valeriy Dudykevych, Oleksandra Bakay, Yuriy Lakh*. Ukraine.
5. i13-188. Towards Reducing Human Effort in Network Intrusion Detection. *Carlos Catania, Carlos García Garino*. Argentina.

9:30 AM – 11:10 AM

Session SD1: Advanced Mathematical Methods for Data Acquisition, Diagnostics, and Networking

Chair: Mykhaylo Dorozhovets

Room: **D** H106

1. i13-185. Identifying Nodes in a Master-Slave-Fieldbus. *Klaus-Peter Kirchner, Christopher Huschka*. Germany.
2. i13-104. Automation of Automotive Integration Testing Process. *Jan Sobotka, Jiří Novák*. Czech Republic.
3. i13-137. Centralized Vehicle Diagnostics. *Miloš Okrouhlý, Jiří Novák*. Czech Republic.
4. i13-089. Optimal Data Fusion in Decentralized Stochastic Unknown Input Observers. *Leonid Lyubchuk*. Ukraine.
5. i13-296. Botnet Detection Technique for Corporate Area Network. *Sergii Lysenko, Oleg Savenko, Andrii Kryshchuk, Yuriy Klots*. Ukraine.

11:10 AM – 11:50 AM

Coffee Break & Poster Session SP: G Foyer

Co-Chairs: Veska Gancheva, Yuriy Zhukov

3. Cyber Security

1. i13-071. Methods of Generic Attacks Infeasibility Increasing for Hash Functions. *Volodymyr Luzhetsky, Yurii Baryshev*. Ukraine.
2. i13-255. Development of Neural Network Immune Detectors for Computer Attacks Recognition and Classification. *Myroslav Komar, Vladimir Golovko, Anatoly Sachenko, Sergei Bezobrazov*. Ukraine.

4. High Performance Computing

1. i13-275. Face Detection Algorithm Using Haar-like Feature for GPU Architecture. *Dmitry Pertsau, Andrey Uvarov*. Belarus.
2. i13-176. Research Challenges and Prospective Business Impacts of Cloud Computing: A Survey. *Amin Keshavarzi, Abolfazl Haghghat, Mahdi Bohlouli*. Iran.

13. Intelligent Information Systems, Data Mining and Ontology

1. i13-097. FTTO: An example of Food Ontology for Traceability Purpose. *Teresa Pizzuti, Giovanni Mirabelli*. Italy.
2. i13-252. A Multi-Objective Genetic Algorithm for Community Discovery. *Ertan Bütün, Mehmet Kaya*. Turkey.

3. i13-254. Extraction of Classification Rules from Socio-demographics and Biochemistry Datasets of Schizophrenia Patients using Multi-Objective Genetic Algorithms. *Buket Kaya, İbrahim Türkoğlu*. Turkey.

14. Information Computing Systems for Education and Commercial Applications

1. i13-247. Indoor Infotainment: Guidance and Visualization for Research Projects and its Relations. *Maurus Rohrer, Marco Kuhn, Eileen Kühn, Jürgen Sieck*. Germany.
2. i13-050. Digital Libraries for Disabled Persons. *Volodymyr Pasichnyk, Natalya Kunanets, Ostap Malynovskyi*. Ukraine.
3. i13-114. The extension of GDSS Architecture by the Subsystem of Group Decision Method Synthesis. *Natali Mironova*. Ukraine.

15. Intelligent Robotics and Components

1. i13-226. The Software for Verification of Underwater Vehicle Missions. *Vladimir Filaretov, Dmitry Yukhimets, Valentin Pryanichnikov, Eduard Mursalimov*. Russian Federation.
2. i13-264. The Dynamic Characteristics of the Manipulator With Parallel Kinematic Structure Based on Experimental Data. *Sergei Osadchy, Valerii Zozulya, Anna Timoshenko*. Ukraine.
3. i13-265. Intelligent Active Fault Tolerant Control System and Flight Safety. *Vasily Kazak, Dmitry Shevchuk, Nikolay Kravchuk, Mihail Vasilyev*. Ukraine.
4. i13-287. Space Stabilization Model of Aircraft-airship in Flight. *Vasily Kazak, Oleg Gorbach, Andrey Babenko, Anastasiya Lozinska*. Ukraine.
5. i13-273. Underwater Robot Intelligent Control Based on Multilayer Neural Network. *Dmitry Oskin, Alexander Dyda*. Russian Federation.
6. i13-266. Supervisory Remote Control of Space Robot in Unstable Libration Point. *Felix Kulakov, Aleksandr Shmyrov, Dzmitry Shymanchuk*. Russian Federation.
7. i13-235. Fault Isolation and Estimation in Electric Servoactuator of Manipulation Robots. *Vladimir Filaretov, Alexey Zhirabok, Alexander Zuev*. Russian Federation.
8. i13-239. A Multi-Agent Reinforcement Learning Approach for the Efficient Control of Mobile Robot. *Uladzimir Dziomin, Anton Kabysh, Vladimir Golovko, Ralf Stetter*. Belarus.

11:50 AM – 1:30 PM

Round Table and Closing Ceremony: Room A (H001)

Co-Chairs: Anatoly Sachenko, Jürgen Sieck

1:30 PM – 2:30 PM

Lunch: G Mensa – Cafeteria

Registration

The Registration desk is open on

- Wednesday, September 11, from 5:00 PM to 7:00 PM (in the University Campus – Wilhelminenhofstrasse 75A, Building H, Research Center for Culture and Computer Sciences)
- Thursday, September 12, from 8:00 AM to 5:00 PM (in the University, Building H, Entrance hall)
- Friday, September 13, from 8:00 AM to 4:40 PM (in the University, Building H, Entrance hall)
- Saturday, September 14, from 8:00 AM – 1:30 PM (in the University Campus, Building H, Entrance hall)

Internet Access

IDAACS'2013 will provide free Wi-Fi Internet access for every participant with their own laptop via Eduroam Guest Account. We will provide access codes at the registration desk.

How to get to Berlin

Berlin is easily accessible using an airplane, a train or a car. Berlin has two airports. Berlin-Schönefeld is located just 20 minutes from the Wilhelminenhof University Campus. The second airport – Tegel – is located about one hour from the university campus. Berlins main train station is located in the city center and serves trains from all cities of Central Europe.

How to get to the conference venue from Schönefeld Airport

Please take the S-Bahn S-9 direction Pankow or S-45 direction Bundesplatz and leave the train at “S Schöneweide”. From S Schöneweide it's a short trip with the tram (lines 63 and 67 direction Köpenick) to Rathenaustrasse/HTW where the campus is located.

How to get to the conference venue from Tegel Airport

It is a little bit more complicated coming from Tegel Airport. Please find a map of public transportation attached to this general information. We would suggest that you visit the website of Berlins Public Transportation

Agency “BVG” before your arrival and check the connections that fit best for you. You find the English version of the website at: <http://www.bvg.de/index.php/en/index.html>
You can download a network map and will find a fares overview.

How to get to the conference venue from Berlin Central Station (Hauptbahnhof)

Take S-Bahn S-75 Direction Wartenberg or S-7 direction Ahrensfelde and change at “Ostkreuz” to S-8 direction Zeuthen or S-9 direction “Flughafen Berlin Schönefeld”. At “S Schöneweide” leave the train. From there it’s a short trip by tram (lines 63 and 67 direction Köpenick) to Rathenaustrasse/HTW where the campus is located.

About Berlin

Founded in the 13th century, Berlin has had an eventful history. Excavations from 2008 suggest that the city may be even older than was previously assumed: state archaeologists have discovered an oak beam that probably dates back to 1183.

Almost no other metropolis has experienced such frequent, radical change transforming the face of the city. Although Berlin saw steady growth in its importance, dazzling epochs alternated with darker eras. Nevertheless, the formerly divided city has succeeded in becoming a vibrant metropolis in the heart of Europe.

Please find more detailed and illustrated information about the history of Berlin here:

<http://www.berlin.de/berlin-im-ueberblick/geschichte/index.en.html>



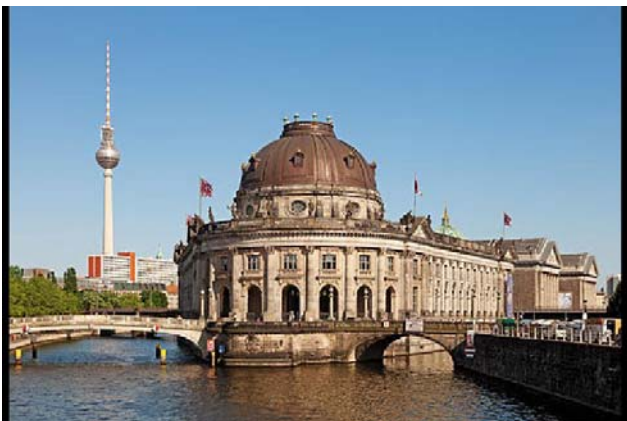
View from Unter den Linden by Bleppo (Own work) [Public domain]

General Information

With a population of over 3.5 million, Berlin is Germany's largest city and home to the federal government and parliament. In no other German city is there more progress and growth since German Reunification evident than here.

The Berlin Bear (see picture on the right) is the heraldic emblem of the city since 1280.

Berlin is not an industrial city, but a science, culture and media mecca with a distinct service sector in the German market. A vibrant multi-cultural orientation is characteristic of Berlin and makes it particularly attractive.



Museum island by Thomas Wolf (Own work)
(CC-BY-SA-3.0)



Brandenburg Gate by Thomas Wolf (Own work)
(CC-BY-SA-3.0)

Berlin is the largest university city in Germany with three universities, four art academies, seven universities of applied sciences and a number of research institutions. The scope of academic discourse in Berlin is vast.

Information about everyday life in Berlin, about culture, education, science, politics, constitution, business and finance can be found here:
<http://www.berlin.de/berlin-im-ueberblick/index.en.html>

About HTW – University of Applied Sciences in Berlin

The University of Applied Sciences (HTW) Berlin with nearly 12.000 students is the largest University of Applied Sciences in Berlin. Approximately 270 professors and 700 assistant lecturers teach at the HTW Berlin. The range of subjects is remarkably wide and includes around 70 degree programs in engineering, computer science, business, culture and design. The courses will lead to Bachelor's, Master's and MBA degrees. The course is short, compact and oriented to professional practice; rankings regularly certify high-quality training. The HTW Berlin has received several awards for its reforms in higher education management, for their extensive training, consulting and services in the area of small and medium enterprises and start-ups.



Campus Wilhelminenhof by HTW Berlin/Andreas Kettenhofen

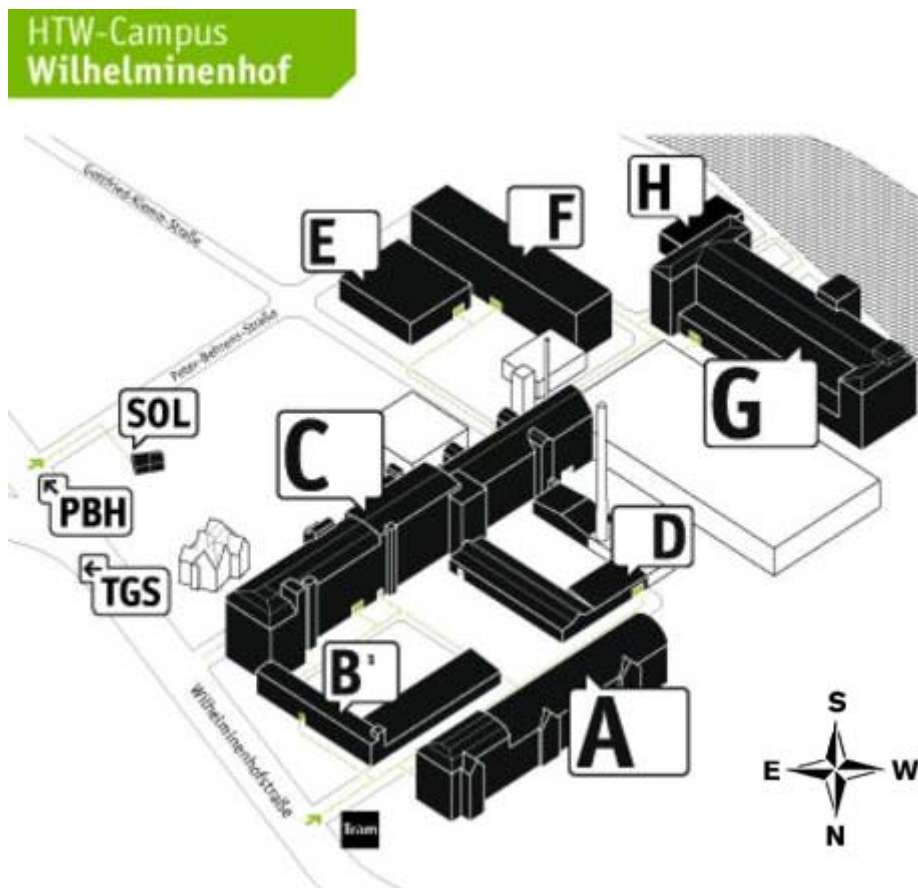
Please see <http://www.youtube.com/watch?v=HfpLMTrtTCK> for further video impressions of Campus Wilhelminenhof.

The IDAACS 2013 will take place at the newly build research center for culture and computer science at Campus Wilhelminenhof in Berlin-Oberschoeneweide.



Research Center for culture and computer sciences

Please find the research center for culture and computer sciences (Building H) in the map below. The lunches, coffee breaks and Poster Sessions will be held in Building G.





The Welcome Party on Wednesday evening will take place at the lovely beach bar overlooking the river Spree just next to the Research Centre.

Beach Bar Cafeteria at Campus Wilhelminenhof by HTW Berlin/Alexander Rentsch

How to get to the Conference Dinner venue

The Conference Dinner will take place in the historical waterside town of Köpenick. Please consider taking your time to explore this wonderful small town with several old churches, a castle with a surrounding castle garden and beautiful narrow streets.

From HTW Campus Wilhelminenhof its just a short tram ride (lines 27, 67 or 63 direction Köpenick).



The venue named “Freiheit 15” is located at Freiheit 15 in 12555 Köpenick.



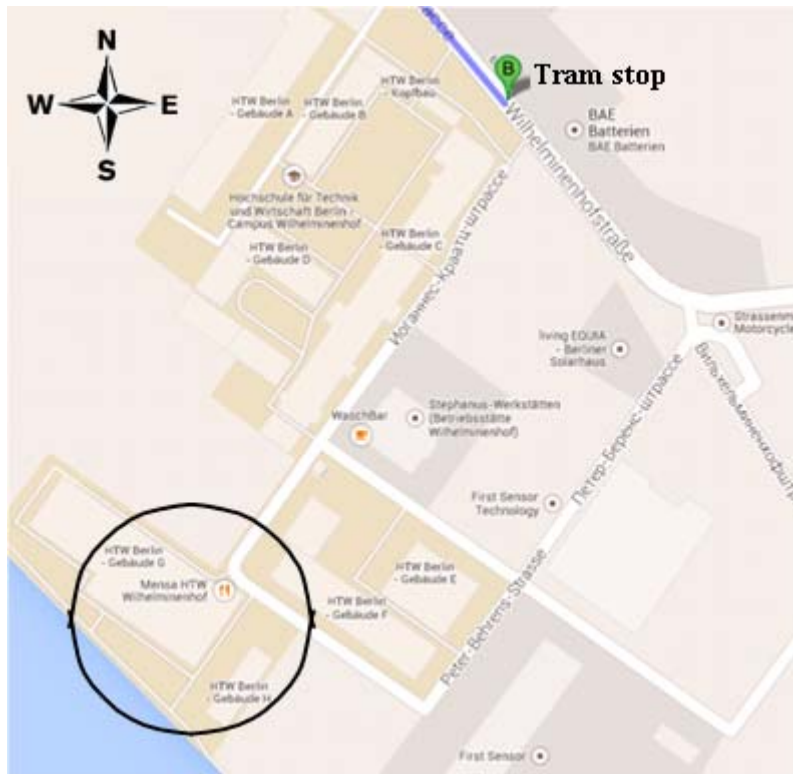
How to get to the Conference Dinner venue:

- S-Bahn S3 Direction Köpenick; S47 direction Spindlersfeld
- Bus 164 “Freiheit” from S-Bhf. Köpenick
- Tram 62, 63 oder 68 from S-Bhf. Köpenick to “Freiheit”
- Tram 60 and 63 from S-Bhf. Spindlersfeld to “Freiheit”



Maps of the University of Applied Sciences in Berlin

Map of the University of Applied Sciences in Berlin



Location of Buildings G and H at University of Applied Sciences in Berlin



