



Final Zemships Conference

Speaker biographies



Axel Averdung

Since June 2008 Axel Averdung is working as research assistant for the Chair of Marketing and Innovation at the University of Hamburg. His research focus lies in the field of efficiency and effectiveness measurements of marketing activities. In this context particular measurement approaches are getting surveyed and further developed, such as innovative measures of consumer behaviour tracking, marketing ROI metrics and agency performance mapping techniques.

After finishing an apprenticeship as retail salesman in a trading enterprise in Hong Kong, Mr Averdung earned a double degree at the Goethe-University Frankfurt am Main in 2006. He graduated in Business Administration with main focus on marketing and production (Diplom-Kaufmann) and in Historical Ethnology (Master of Arts). Parallel to his studies Mr Averdung worked for the marketing department of the Deutsche Börse AG and for the Gesellschaft für Technische Zusammenarbeit (GTZ). After graduation Mr Averdung was employed as management consultant for international financial companies at SITGATE AG giving corporate advisory in the fields of multi project management and process optimization.





Sebastian Dirk

Since October 2006 Dipl.-Ing. Sebastian Dirk is an employee at Proton Motor in Puchheim. At Proton Motor he is responsible for the programming and the controlling of the fuel cell systems. Since May 2009 he is also responsible for the electrical engineering department. And since July 2009 Sebastian Dirk is project manager of the Zemships EU project.



From 2001 to 2006 Sebastian Dirk studied electrical engineering at the University in Paderborn. From 2005 to 2006 he worked as a student and he wrote his diploma thesis at the Infineon Technologies in Munich. Before Starting his diploma degree, he was trained as a technical physical assistant.



Petr Dlouhý

Graduated in 2006 at Czech Technical University in Prague, Faculty of Electrical Engineering, department of Cybernetics. He is employed at Nuclear Research Institute Rež, department of Hydrogen technologies since 2007.

His role in the Zemships project was to develop a simplified mathematical model of ship propulsion. The other part was to design a visualization interface of ship power systems which are displayed on a large screen inside a boat.





Günter Elste

In 1974 Günter Elste graduated at the University of Hamburg in Business Management. After joining the Planning Staff of the Free and Hanseatic City of Hamburg he became Head of Staff Administration and Authorized Signatory in the Housing Industry.

In 1989 he was promoted to the position of Managing Director of the "Hamburger Gesellschaft für Beteiligungsverwaltung", the holding company of the state-owned enterprises of the Free and Hanseatic City of Hamburg. In 1996 Günter Elste was appointed Chairman of the Hamburger Hochbahn AG, the second largest public transport company in Germany. In addition, from 1985 to 1997 he has been Member of the Parliament of the Free and Hanseatic City of Hamburg. Between 1989 and 1996 he has been the Parliamentary Party Chairman in the Parliament of the Free and Hanseatic City of Hamburg (Bürgerschaft). From June 2003 until November 2009 Günter Elste was elected Chairman of the Association of German Transport Companies (Verband Deutscher Verkehrsunternehmen VDV).



Karsten Fach

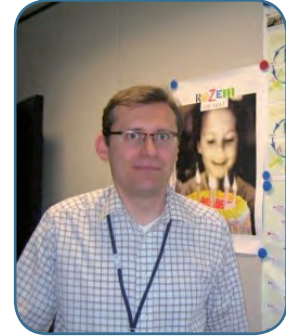
Karsten Fach graduated at the Institute for Naval Architects in Hamburg in 1986. After a short period in a German design office he joined the research department of the hull division of Germanischer Lloyd in 1987. Two years later he changed to the ship advisory department where he performed finite element strength and vibration analysis especially for GRP-structures, high speed craft and unconventional vessels. From 1991 to 1995 he was involved in the German Government sponsored research project "Fast and Non-Conventional Ships". From 1996 to 2003 he was head of the department "Special Craft" which is dealing with plan approval for high speed craft, naval ships, inland waterway vessels, yachts and boats. In January 2002 he became „Ship Type Manager“ for HSC at GL. From 2004 he was head of competence centre "Advanced Engineering" and deputy head of division "Advanced Engineering and Strategic Research". Since August 2006 he is vice president of competence centre "Engineering Solutions". Since 1st January 2010 he is also Managing Director of GL's subsidiary FutureShip GmbH.



Piotr Grzesikowski

In 1999 he graduated from the Warsaw School of Economics where he studied economics and international economic relations. In 2000, he completed the postgraduate European Studies managed jointly by WSE and SciencesPo de Paris. From 2000 to 2007 he worked in capacity building projects co-funded by Phare/Transition Facility pre-accession instruments, to assist Poland in their preparations for joining the European Union and implementing the *acquis communautaire* in the fields of veterinary issues and agriculture as well as for developing the capacity to absorb the structural funds.

Since 2007, he works at the DG Environment of the European Commission. He is a country Desk Officer responsible for environmental projects co-funded by the LIFE and LIFE+ financial instruments in Germany, Poland, Bulgaria and Estonia.



Prof. Dr. Stephan Kabelac

Stephan Kabelac is Professor for Thermodynamics at the Helmut-Schmidt University, the University of the Federal Armed Forces in Hamburg, Germany, since 2001. Before, he was the Chair of the Institute for Thermodynamics at the University of Hannover, Germany, since 1994. From 1991 to 1994 he was in the distillation and heat transfer research group at the Bayer Chemical Company AG in Leverkusen, Germany. His research topics are concerned with evaporation heat transfer, thermodynamic evaluation of energy conversion devices like fuel cells and with the measurement of thermophysical properties like speed of sound, optical properties, and thermal conductivity.





Kai Klinder

Kai Klinder, born in 1956, studied Energy and Power Plant Technology at the Munich University of Applied Sciences. In 1983 he started his career at the energy supply company Bayernwerk AG, now E.ON. In 1988 he moved to the instrumentation manufacturer SICK AG (Waldkirch), where he worked in the field of environmental instrumentation. In 1994 he became marketing manager at SUSS AG (Garching), a leading manufacturer of micro systems equipment, and in 1998 he joined heating systems manufacturer VAILLANT (Remscheid), where he was in charge of Marketing, Strategic Business Development, Sales and Service under the development project "Fuel Cell Heating Systems".

In 2005 he moved to the fuel cell systems manufacturer MTU CFC Solutions (München-Ottobrunn), where he headed the Marketing and Sales departments until his appointment as director of NOW GmbH. His fields of responsibility included issues relating to energy efficiency, air quality control and climate change mitigation, product development, strategic and operational sales in cooperation with developers and sales organisations worldwide, organizing fuel cell demonstration projects in Europe, and shaping political framework conditions. In connection with these activities, Kai Klinder played an active part, sometimes in a leading role, in bodies such as VDMA, VDI, COGEN, HFP, Fuel Cell Europe.





Heinrich Klingenberg

Heinrich Klingenberg studied Literature and Psychology and earned a Master's Degree of Arts. He is a distinguished expert in the business of Public Transport and worked for more than 25 years in the specific field of bus operation at Hamburger Hochbahn AG and its affiliates. Furthermore he has been a consultant at Hamburg-Consult for more than ten years.

Between 2000 and 2005 Heinrich Klingenberg has been a member of the Board of Hamburger Hochbahn AG. He signed responsible for the implementation of the CUTE demonstration project at HOCHBAHN in which fuel cell busses were put in regular line service for the first time.

In 2005 Heinrich Klingenberg has become Managing Director of hySOLUTIONS, a company committed to the realisation of fuel cell projects within the Free and Hanseatic City of Hamburg. Moreover in 2009 the company has taken over the regional coordination for projects of e-mobility.

Keno Leites

Keno Leites studied at the Technical University of Hamburg-Harburg (TUHH) and graduated in Mechanical Engineering/ship machinery and energy conversion. In 1998 he started to work in the department for Ships and Yachts at Blohm + Voss GmbH. He then specialised in designing propulsion and electrical systems as well as auxiliary systems for Mega-Yachts and medium Cruise Liners. In 2005 Mr. Leites changed to the R&D department. Within his department he is in charge of the fields of propulsion and energy supply as well as electrical systems. Furthermore he is responsible for new technology projects like HTS, LNG and fuel cells. Currently he is a project manager for the joint industry project SchIBZ.





State Secretary Christian Maaß

State Secretary for Urban Development and the Environment
Mr Christian Maaß studied law at the Hamburg University and the University of Geneva/Switzerland. From 2001 to 2008 he was Member of the Hamburgische Bürgerschaft, the Hamburg parliament. From 2004 to 2008 Mr Maaß was Chairman of the Environment Committee of the parliament.

Since 2008, Mr Maaß is State Secretary for Urban Development and the Environment. As a city state Hamburg is one of the Länder (state districts) of the Federal Republic of Germany. Mr Maaß is the deputy head of the Hamburg Ministry of Urban Development and Environment.

Thomas Melczer

Thomas Melczer was appointed CEO of Proton in August 2008. In this position he is in charge of the strategic leadership of the company. The main focus of his work will be the industrialization of the company's products as well as the expansion and the consolidation of the worldwide sales network.

Mr. Melczer has more than twenty years of international industrial experience in sales and production. Before joining Proton Motor, he spent seven years as Vice President Sales at the British company Chloride, which operates on the energy market. Before that, he was employed by Siemens AG for over 20 years where he held numerous positions, including managing director of a subsidiary. In 2007 he founded SPower Holding GmbH, a company offering solutions for uninterruptible power supply.





Gabriele Müller-Remer

Since January 2008, Gabriele Müller-Remer (55) has been the Managing Director of two companies in Hamburg, ATG Alster-Touristik GmbH and HADAG Seetouristik und Fährdienst AG. From 1992 to 2008 she was the Human Resources Manager with full signatory powers at Hamburger Hochbahn AG. Now, she is responsible for 44 members of staff, 7 apprentices and 18 ships at ATG. This company offers various tourist trips on the Alster Lake in Hamburg. HADAG, with its 23 ships, 78 staff members and 13 apprentices, provides public transport in the Port of Hamburg as well as tourist tours on the River Elbe. Before being appointed Managing Director she was a member of the supervisory board at both companies (ATG 2005 - 2007, HADAG 1999 - 2007). From 2001 to 2007 she was chair of the HADAG supervisory board.

Dr. John Olav Nokleby

Within the Fellowship project, Dr. John Olav Nokleby signs responsible for the class approval of the first fuel cell installation ever on a commercial ship. Current engagements include the responsibility for the Management of the Safety Work package in the German PaXell project. These activities are part of the development of function based Class rules for ship machinery.

Dr Nokleby's professional experience is best illustrated using the examples of technology qualification for laser welding, development of condition based monitoring for offshore units and fatigue loaded components of F-16 military jets, failure investigation and experimental analyses of failed equipment in DNV's laboratories, and many more.

After receiving his MSC, Dr Nokleby joined DNV in 1975. In 1981 he received his PhD from the Technical University of Norway. He hold positions in DNV research, headed the DNV failure investigation laboratories and the DNV department of Materials and Production Technology.





Alexander Overdiep

Alexander Overdiep: (1951, Amsterdam, The Netherlands) studied Communications & Public Relations at Utrecht University. After 15 years in international retail industry he made a well-considered job move (mid 90's) into the environmental and energy industry and specialized in knowledge transfer and innovation marketing supporting implementation of innovative technologies in industry.

His activities cover projects and cooperations in process and energy industry, research organisations, industry associations and governmental bodies. Alexander Overdiep developed communication and knowledge transfer programs as part of the Dutch governmental energy savings programs for industry, such as for the ceramics and glass industry, steel industry, dairy and food industry, chemical industry. He furthermore supported implementation of heat pumps and fuel cell technology.

In summer of 2007 Alexander Overdiep has been asked to assist the project Fuel Cell Boat; mid 2008 he was appointed project manager. Alexander Overdiep is part time lecturer on social aspects of technology innovation at the Faculty of Technology, Policy and Management at Technical University of Delft. Alexander Overdiep studied theology as well and is minister for the Dutch liberal protestant community 'Remonstranten'. Furthermore he is member of his home town municipal council and member of the Advisory Board of the Dutch Comenius Museum.





Prof. Dr. Thorsten Teichert

Prof. Dr. Thorsten Teichert holds the Chair of Marketing and Innovation at the University of Hamburg. His research and consulting projects especially include issues in new product development, global innovation management as well as consumer behavior. Earlier in his career, Prof. Teichert acted for several years as advisor to projects in the German automotive industry and directed projects in Mergers & Acquisition and in strategic consultancy. Institutions where he completed his education or carried out research include the Technical University of Berlin (Dipl.-Ing.), the Union College, Schenectady, NY (MBA), the Christian-Albrechts-University of Kiel (Dr. sc. pol.), the Fuqua School of Business, Durham, NC (Research Fellow) and the WHU – Otto Beisheim Graduate School of Management, Koblenz (Habilitation). Prior to his current position, Professor Teichert was Director of the Institute for Innovation Management at the University of Berne, Switzerland. Since 2009 Prof. Teichert is Visiting Professor at the University of Technology Sydney.



Christian Tichel

Since August 2004 Dipl.-Ing. Christian Tichel is working as a sales engineer in chemistry business at Linde Gas in Hamburg. He is responsible for hydrogen infrastructure projects in North Germany. Before 2004 Christian Tichel worked as a technical sales engineer for industrial laser systems. At 1996 he finished diploma in mechanical engineering at the University of Hannover.





Finn Vogler

Finn Vogler has worked with Germanischer Lloyd AG since 2005. He is responsible for the fuel cell activities within the Process- and Gas Technology Group in the Strategic Research and Development Division.

Mr. Vogler worked on numerous projects in the fields of fuel cells, gas as ship fuel, oil and gas, process technology and safety analysis. He also contributes the work of the IEC TC 105 committee.

After his studies of naval architecture at the TUHH, Mr. Vogler joined a subsidiary from HDW yard called HDW Fuel Cell Systems, which was engaged in the integration of fuel cell systems in surface vessels.

During the ZEMSHIPS project Mr. Vogler was the project manager from GL side and responsible for the certification of the FCS Alsterwasser.



Alexander von Stryk

After attaining a degree in mechanical engineering with a focus on energy technology, professional start at SIEMENS Power Generation (former KWU), Erlangen, in the field of layout and development of conventional power plants and CHP plants.

Next, a change to HEWContract, a 100-%-subsidiary of Hamburgische Electricitäts-Werke AG, and work as a project engineer and project leader in the field of energy contracting.

Since 2002, member of the research staff at Hamburg University of Applied Sciences with a focus on fuel cell and energy systems development. Project management and research in a variety of EU funded research projects.





Daniel Wagenführer

Since October 2008 Dipl.-Kfm. Daniel Wagenführer is working as research assistant for the Chair of Marketing and Innovation at the University of Hamburg. His research focus lies in the field of marketing research and semantic analysis of qualitative data. In this context he investigates specific measurement approaches regarding consumer attitudes and behaviour. In several projects with reference to company practice, he obtained the responsibility of the project management, study design and analysis.



Previously Mr Wagenführer studied Business Administration at the University of Hamburg with the focus on marketing, informatics and industrial management. He gained several experience in different companies especially in the field of marketing. Among other activities he worked in a project regarding the marketing strategy for an industrial company in Sydney. Furthermore he worked in different positions for IBM in Germany.

