

Chair of Information Management

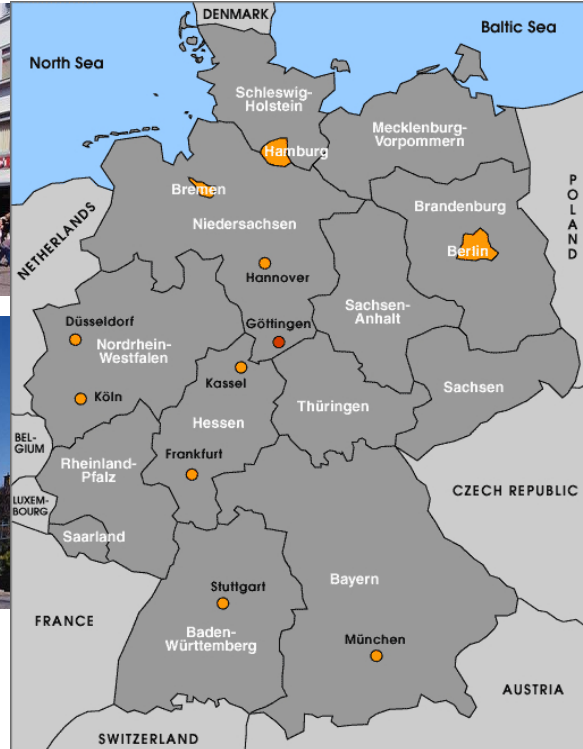
Profile in Research and Teaching



Prof. Dr. Lutz M. Kolbe

2012

City of Göttingen



- Founded in the Middle Ages
- True geographical center of Germany
- 130,000 residents

Georg-August-Universität Göttingen (founded in 1737)



- **One of nine Excellence Universities in Germany**
- 13 faculties, 180 institutes
- 24,600 students
- 11.6 % students from abroad
(new entrants: approximately 20 %)
- 13,000 employees (including Hospital and Medical School),
including 420 professors
- 115 programmes of study from A as Agricultural Science to
Z as Zoology are offered (73 bachelor/22 master programmes)

“The Göttingen Nobel Prize Wonder”

Over 40 Nobel prize winners lived, studied or/and researched at the University of Göttingen, among them...

- Max von Laue, Physics, 1914
- Max Planck, Physics, 1918
- Werner Heisenberg, Physics, 1932
- Otto Hahn, Chemistry 1944
- Max Born, Physics, 1954
- Manfred Eigen, Chemistry, 1967
- Erwin Neher, Medicine, 1991



Max Planck



Werner Heisenberg



Manfred Eigen



Erwin Neher

Famous graduates from Göttingen

- **Otto von Bismarck**
First German chancellor, state examination in law
- **Dieter Bohlen**
German pop musician, M.Sc. in Administration
- **Michael Diekmann**
CEO Allianz AG, law and philosophy
- **Carl Friedrich Gauß**
Mathematician and director of the observatory, Professor of Astronomy
- **Klaus Kleinfeld**
President of SIEMENS AG, M.Sc. in Administration
- **John Pierpont Morgan**
US-American businessman, founder of J. P. Morgan & Co
- **Gerhard Schröder**
Former German chancellor, state examination in law
- **Rita Süßmuth**
Head of German parliament, state examination in teaching, honorary Professor at the University of Göttingen
- **Richard von Weizsäcker**
German federal president, state examination in law and history
- **Konrad Zuse (Honorary Professor)**
Inventor of the first binary computer, honorary Professor at the University of Göttingen



Gerhard Schröder



J. P. Morgan



What do the rankings say?

Competition

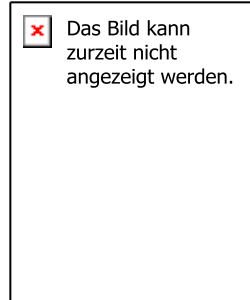
- DFG Research Ranking (assessment period 2001-2005)
 - Rank 12 of 84 universities
- AvH-Foundation 2006 (attractiveness for top-level researchers 2001-2005)
 - Rank 7 of 80 universities
- DAAD Ranking 2005 (international research-orientated study programmes 2004)
 - Rank 4 of 100 universities
- Reputation abroad
 - Shanghai Ranking 2011 (worldwide: Rank 93 of 500, Germany: Rank 4)



The Chair of Information Management

Prof. Dr. Lutz M. Kolbe

- Born in Hannover
- Master TU Braunschweig, Germany
- Dissertation TU Freiberg, Germany
- Habilitation University of St. Gallen, Switzerland
- Research stays at University of Rhode Island (URI), USA and New York University (NYU), USA
- 10 years in banking industry: 5 years at Deutsche Bank, until 2002 Managing Director Deutsche Bank North America, New York, USA, reporting to CIO HJ Lamberti
- Consultant for IT strategy, new IT driven business models, and customer relationship management
- Author/Co-Author of more than 50 refereed academic publications





Mission

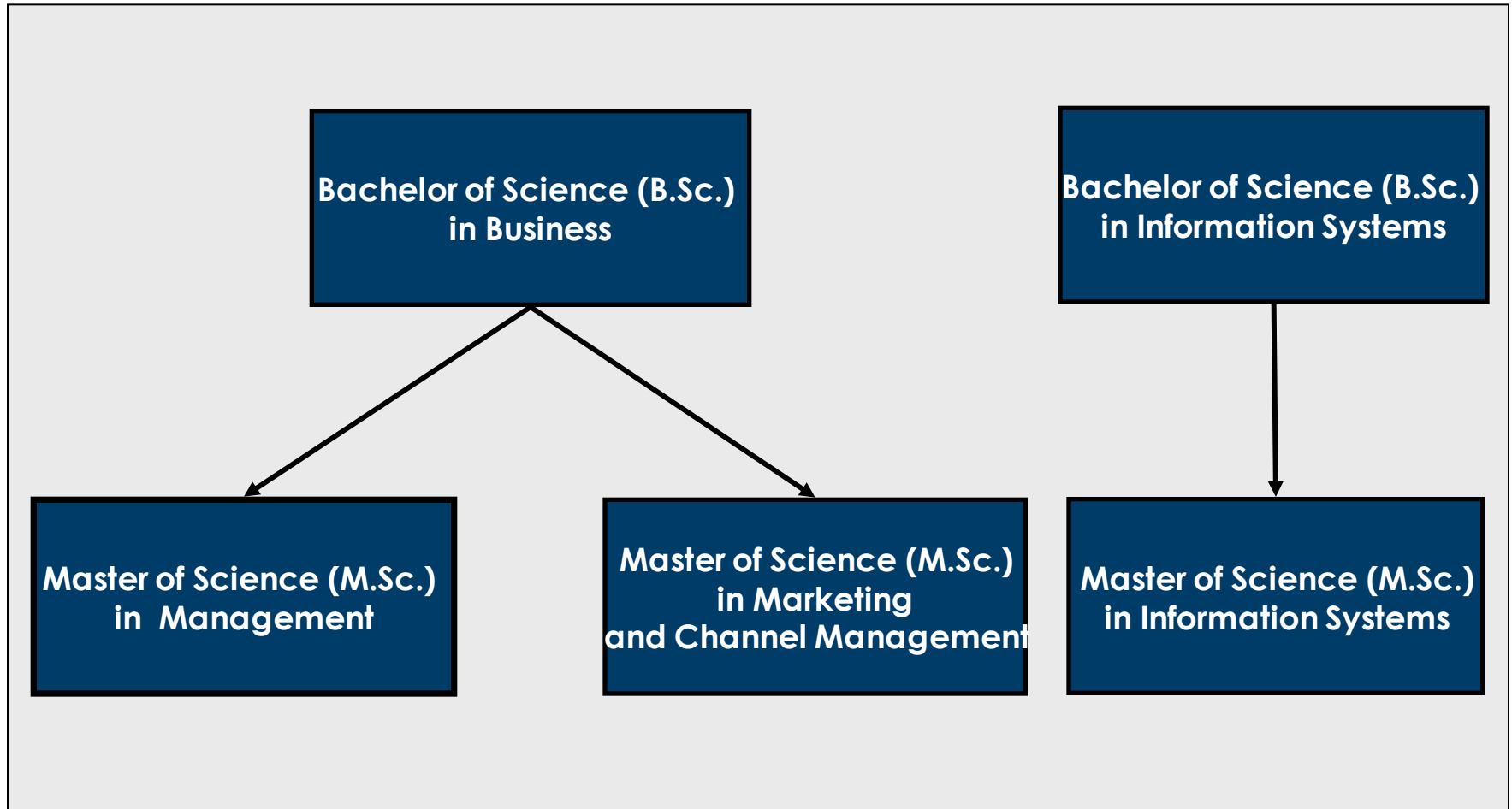
The Chair of Information Management (IM) perceives the management of information and information technology (IT) as the key success factor for corporations in the digital age.

IT does matter if managed effectively and efficiently!

1. Therefore research is done in cooperation with large firms and strives to address relevant questions in IT management.
2. In parallel, research results are prepared for the academic community such as leading conferences and journals.
3. Attracting and developing bright and passionate research talent forms the basis and is also an objective for becoming one of the leading practice oriented IM chairs in Germany.



Chair's Main Contribution to Courses Offered





Courses Offered

	Term	Lecture	Seminar	Thesis	
Bachelor	WT	Fundamentals of Information Management 2L Presence + 2Ex 6 CP German	Assignment Seminar Block course (2 days) 6 CP German	Bachelor Thesis 12 CP	Lunch meets Abschlussarbeiten
	ST	Fundamentals of Information Management Online + 2Ex 6 CP German	Assignment Seminar Block course (2 days) 6 CP German	Bachelor Thesis 12 CP	
Master	WT	Change & Run IT Online + 2Ex 6 CP English	Seminar on Information Management Block course (3 days) 12 CP English	Master Thesis 30 CP	
		Information Management Online 6 CP German			
		Applied Empirical Research Block course (3 days) 6 CP German			
	ST	Entrepreneurship I Block course (3 days) 6 CP English	Master Thesis 30 CP	LmA	
		Change & Run IT 2L Presence + 2Ex 6 CP English			
		Information Management 2L Presence + 2Ex 6 CP German			
		Entrepreneurship II Block course (3 days) 6 CP English			
Customer Value Management Block course (3 days) 6 CP German					

Corporate Leaders Lecture Series

GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN



Wirtschaftswissenschaftliche Fakultät · Schwerpunkt Unternehmensführung

» Unternehmensführung & Praxis «

Öffentliche Vortragsreihe
Sommersemester 2008
Zentrales Hörsaalgebäude (ZHG)
Platz der Göttinger Sieben 5

Montag, 26. Mai 2008 - 14 Uhr (Hörsaal 008)
Stefan Erdmann
General Manager der Novelis Deutschland GmbH, Göttingen
»Novelis – ein Unternehmen wächst in der Wachstumsregion Indien«

Dienstag, 17. Juni 2008 - 10.30 Uhr (Hörsaal 010)
Günther Fleig
Mitglied des Vorstands der Daimler AG
Personal & Arbeitsdirektor, Stuttgart
»Investitionen in die Zukunft – strategisches Personalmanagement als Erfolgsfaktor im globalen Wettbewerb«

Montag, 30. Juni 2008 - 14 Uhr (Hörsaal 008)
Hermann Josef Lamberti
COO & Member of the Management Board der Deutsche Bank AG, Frankfurt am Main
»Challenges of Managing IT in Bankings«

Montag, 7. Juli 2008 - 14 Uhr (Hörsaal 009)
Prof. Dr. Dr. h.c. mult. Peter Horváth
Eminent Lehrstuhl Controlling Universität Stuttgart,
Vorsitzender des Aufsichtsrats der Horváth AG, Stuttgart
»Controlling und Corporate Social Responsibility«

Wissenschaftler der Schwerpunkt Unternehmensführung an der Wirtschaftswissenschaftlichen Fakultät:
Prof. Dr. Jutta Goldmann (Produktion und Logistik),
Prof. Dr. Lutz M. Kolbe (Personalmanagement),
Prof. Dr. Klaus Müller (Controlling) und Prof. Dr. Giselbert Popp (Personal- und Unternehmensführung)

Kontakt:
Prof. Dr. Hans-Joachim
Wahl
Tel. 44303011 / 114.1074
E-Mail: wahl@ifm.uni-goettingen.de

GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN



Wirtschaftswissenschaftliche Fakultät · Schwerpunkt Unternehmensführung

» Unternehmensführung & Praxis «

Öffentliche Vortragsreihe
Wintersemester 2007/2008
Zentrales Hörsaalgebäude (ZHG)
Platz der Göttinger Sieben 5
Hörsaal 008

Montag, 10. Dezember 2007 - 14 Uhr
Prof. Dr. Utz Claassen
Vorsitzender der BCI-Initiative »Innovationsstrategien und Wissensmanagement«, sowie Mitglied des Stichtungsrates der Universität Göttingen
»Wissensmanagement als integrales Element der Unternehmensführung«

Montag, 17. Dezember 2007 - 14 Uhr
Prof. Dr. Xuyi Wang
ThyssenKrupp Stiftungsforscher für Controlling,
Tongji-Universität, Shanghai
»Controlling im China-Großbau, Grundkonzept und Kulturunterschiede«

Montag, 14. Januar 2008 - 14 Uhr
Dr. Joachim Kreuzburg
Vorstandsvorsitzender der Sartorius AG, Göttingen
»Kooperationen als Basis der Strategieumsetzung bei Sartorius«

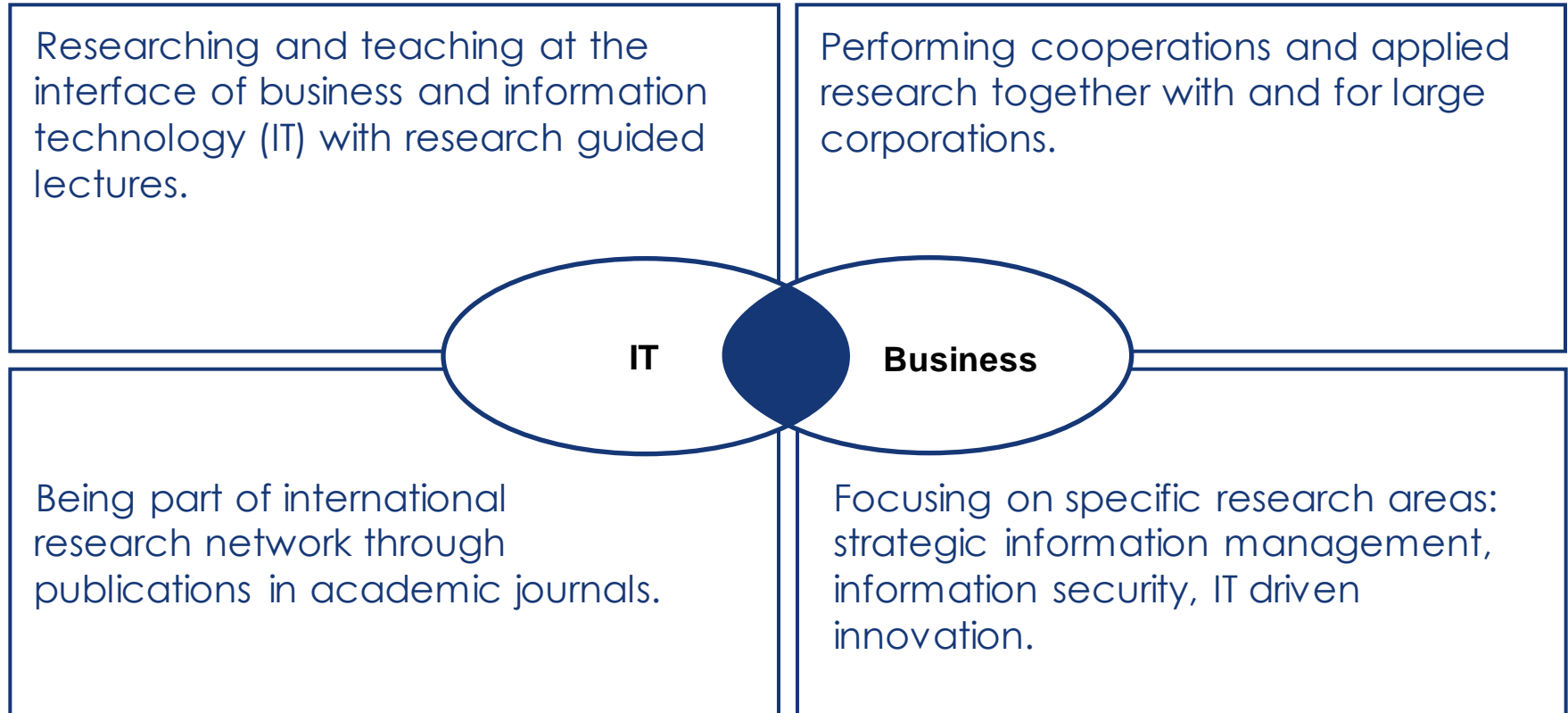
Montag, 20. Januar 2008 - 14 Uhr
Hans Dieter Pölsch
Mitglied des Vorstands der Volkswagen AG,
Finanzen und Controlling, Wolfsburg
»Das Lenkrad in der Hand: Finanzielle Steuerung des Volkswagen Konzerns«

Wissenschaftler der der Schwerpunkt Unternehmensführung an der Wirtschaftswissenschaftlichen Fakultät:
Prof. Dr. Jutta Goldmann (Produktion und Logistik),
Prof. Dr. Lutz M. Kolbe (Personalmanagement),
Prof. Dr. Klaus Müller (Controlling) und Prof. Dr. Giselbert Popp (Personal- und Unternehmensführung)

Kontakt:
Prof. Dr. Hans-Joachim
Wahl
Tel. 44303011 / 114.1074
E-Mail: wahl@ifm.uni-goettingen.de

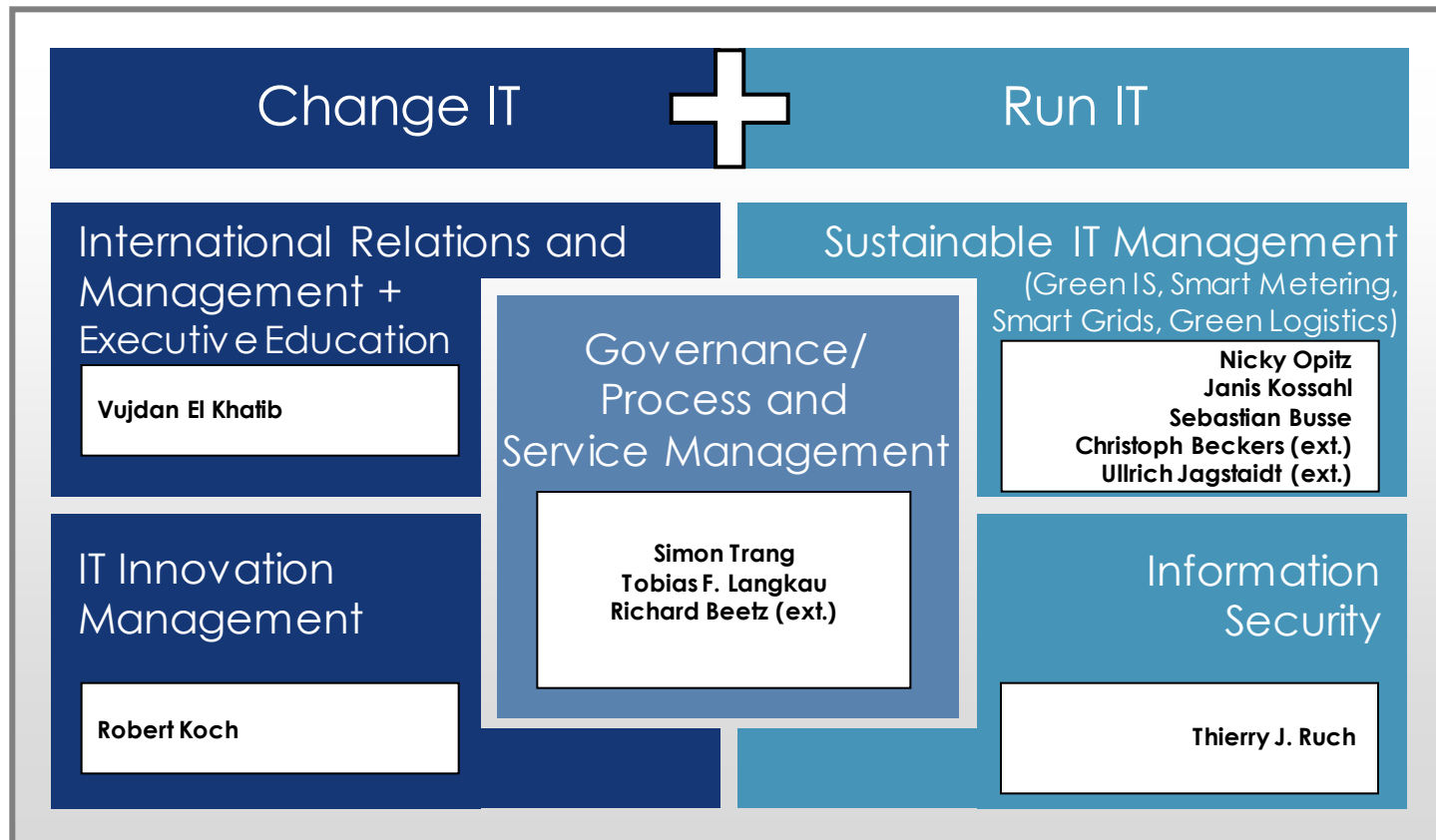


Research Philosophy





Research Topics



Research Field of Vujdan El Khatib

- International Relations and Management
 - Focus: Germany and Turkey



Cooperation with Dr. habil. Dilek Nayir Zamantili
(Marmara University Istanbul)

- Cultural Competence, its forms and its development
- Virtual Teams



Leading dispersed teams – virtual communication
virtuelleteams.uni-goettingen.de

- Status:

El Khatib, V.; Kolbe, L.M.. (2012): Virt uelles Teambuilding und IKT-Technologien in Relation. Eine kritische Betrachtung unter Einbeziehung der Theorien Social Presence und Media Richness, Proceedings of the Multikonferenz Wirtschaftsinformatik 2012. Braunschweig 2012, accepted.

El Khatib, V.; Nayir, D.; Kolbe, L.M. (2012): Choosing the adequate IT Outsourcing Option. A Comparison between India and Turkey, Proceedings of the ICIME 2012. Ankara 2012, accepted.

El Khatib, Vujdan (2012): Managing international Projects: A case study about German experiences with team members from Bangalore in India. GITMA Conference 2012. Bangalore 2012, accepted.



Research Field of Tobias F. Langkau

- Management of Telemedicine Services
Medical aftercare offers changes for the assignment of different telemedicine techniques. Telemedicine can substitute standard processes and extends different medical methods. The configuration of efficient and secure applications and processes in the field of medical aftercare are important future goals.
- Status: Collaboration with University of Kassel, Bielefeld University, University of Augsburg, Blutdruckinstitut Göttingen e.V., Medtronic GmbH, T-Systems International GmbH, Vitos GmbH and Vodafone D2 GmbH





Research Field of Thierry J. Ruch

- Information Security In the Financial Industry

Often Information Security is confounded with IT Security and linked to keywords like “Penetration Tests”, “Firewalls” and “Hacker Attacks”. However, Information Security comprises way more aspects, e.g. the corporate security culture, the organizational structure etc. The research focuses on the interplay of technological, organizational, cultural and business aspects and their respective alignment to value and secure information assets in the context of the financial industry.

- Status: Project in collaboration with the University of St. Gallen, Swisscom Financial Services IT Consulting and major players of the Swiss and German Financial Industry (banks and insurances).

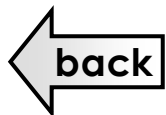




Research Field of Janis Kossahl

- Prospective data and information management of smart meter operations used for controlling and optimizing energy allocation and utilization.
- Development of methodologies and practice-oriented approaches for planning and configuration of smart meter solutions.
- International Benchmarks, best practices, assessments, design studies etc. in the area of smart metering / smart grid applications
- Status: First basic paper regarding Smart Meter Information Management accepted

Jagstaidt, U.C.C.; Kossahl, J.; Kolbe, L.M. (2011). Smart Metering Information Management. Wirtschaftsinformatik Vol. 33 (5), (accepted)





Research Field of Nicky Opitz

- Key Performance Indicators for Green IT Processes
 - “Green” IT Performance is not yet standardized. What are key performance indicators? Total energy consumption, energy consumption per process, CO2 or heat emissions? The development of a comprehensive and easy to use management cockpit to measure the degree of “green” efficiency will simplify the dispersion of energy efficient and ecologically justifiable IT processes.
- Status: Project in collaboration with Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Berlin Institute of Technology, TimeKontor AG, Microsoft Germany and Axel Springer AG





Community Activities

Activities at major conferences

- ECIS 2011 (European Conference on Information Systems), Helsinki, Finland, Co-chair, “Green IS”
- ACIS 2010 (Australasian Conference on Information Systems), Brisbane, Australia, Mini-track co-chair, “Green IT/IS”
- AMCIS 2010 (American Conference on Information Systems), Lima, Peru, Mini-track co-chair, “Sustainability, Green Information Systems and Technology”
- MKWI 2010 (Multi-Conference on Information Systems), Göttingen, Germany, Co-Chair, “Nachhaltiges Informationsmanagement”

Editorial board memberships

- Journal of Electronic Commerce Research (JECR)
- MISQ Executive (MISQE)
- Electronic Commerce Research Journal (ECR)
- Business Process Management Journal (BPMJ)



Reference Projects

- Active Banking Information Security (**Comit**)
- Cost saving with sustainable IT resource management (**BRE Bank Poland**)
- CRM 2018 (**VW Financial Services**)
- Potential Risks of Data Leakages (**Deutsche Bank**)
- Web 2.0 for customer retention and acquisition (**Arte**)
- Management of IT Innovations (**ADL**)
- IT Governance Benchmarking (**Deutsche Bank, Credit Suisse, ING, HypoVereinsbank**)
- Mobile services for corporate banking (**Commerzbank**)
- Premium Customer Care (**Audi**)
- Business-IT Relationship Management for internal IT service providers (**Lufthansa, Fiducia, Credit Suisse, BASF**)
- Threat Modeling for industry automation systems (**ABB**)
- Packaged software in core banking (**SAP**)



BRE BANK SA











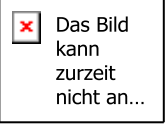

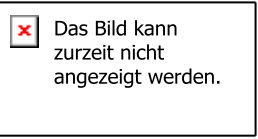

COMMERZBANK VOLKSWAGEN FINANCIAL SERVICES

Deutsche Bank



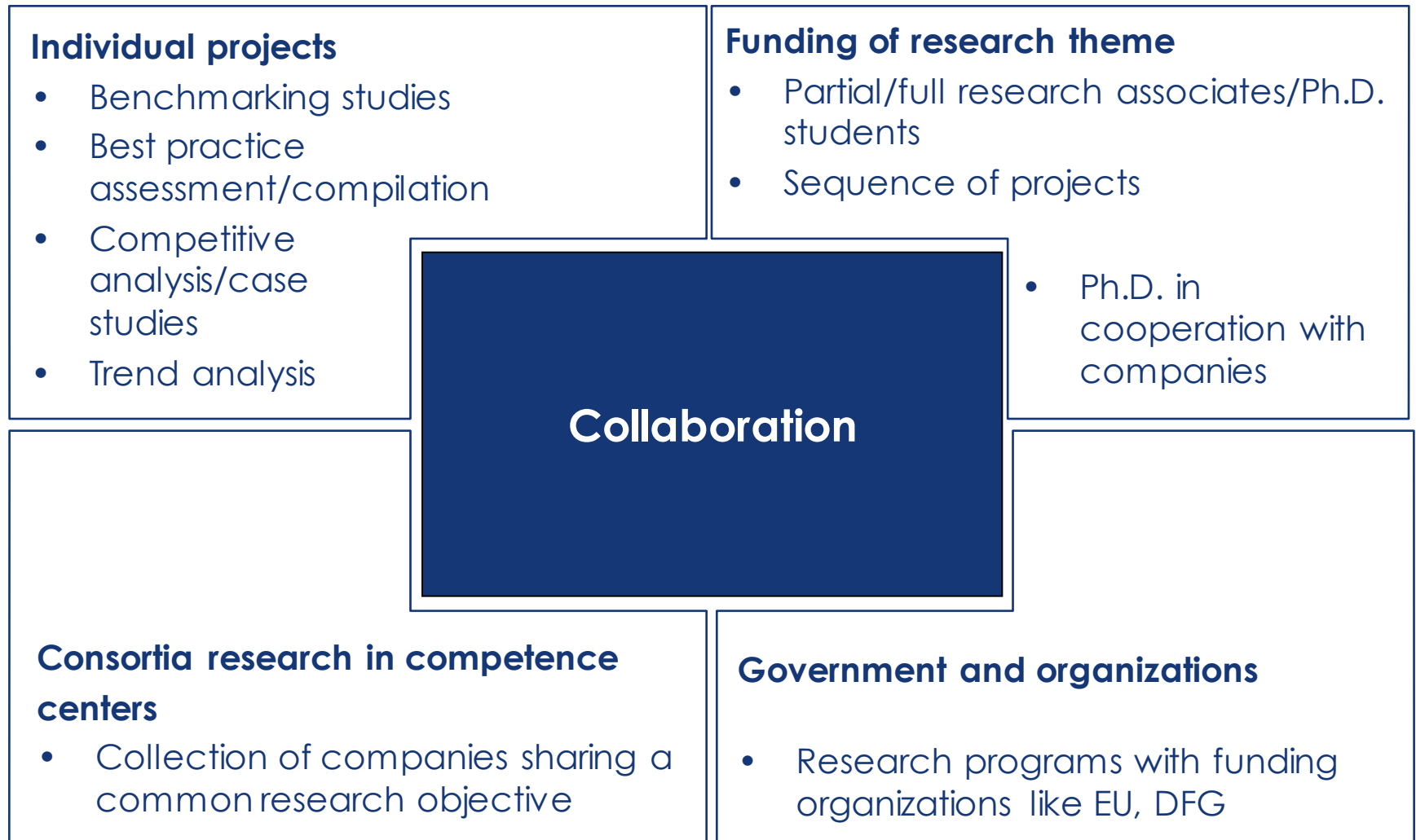
COMIT

Current Projects

Project	Research Focus	Operation Time	Funding
	Efficiency analysis and process optimization in the field of telemedicine services	2010-2013	 Bundesministerium für Bildung und Forschung 
	Development of a management cockpit in the research field of Green IT	2011-2014	 Bundesministerium für Wirtschaft und Technologie 
	Executive education, conception and realization of trainings in virtual teams	2010-2012	 EUROPÄISCHE UNION Europäischer Fonds für regionale Entwicklung
	Graduate school in the field of resource efficiency in business networks	2012-2016	 Deutsche Forschungsgemeinschaft
	Method development in the field of IT Innovation Management	2012-2013	



Forms of Collaboration





Why working together with a university?

- ⊕ Independent advice considering latest trends and practices.
- ⊕ Collaboration between academia, business and public administration for solution of complex issues.
- ⊕ Intrinsically motivated, dedicated team.
- ⊕ Project delivery at reasonable, partially funded (e.g. EU etc.) costs, but consultancy-like quality.



The IM Team

Simon Trang

- Born in Georgsmarienhütte, Germany
- Master Studies in Information Systems at the University of Göttingen, the Seoul National University and the Aarhus University
- Research Member and Ph.D. Candidate at DFG Research Training Group 1703 "Resource Efficiency in Corporate Networks", University of Göttingen
- Graduate assistant at the Institute of Information Systems, University of Göttingen, Germany
- Internships at IBM Germany Research and Development and Roland Berger Strategy Consultants





The IM Team

Janis Kossahl

- Born in Berlin, Germany
- Master in Information Management at the University of Göttingen, Germany
- Internships at IBM in Berlin, Hamburg, Stuttgart, Federal Ministry of the Interior, Berlin, Germany
- International experience through Exchange Semester at the University of Stellenbosch, South Africa





The IM Team

Tobias F. Langkau

- Born in Gladbeck, Germany
- Diploma in Business Information Systems, University of Duisburg-Essen, Germany
- Graduate assistant at the Chair of Information Systems and Enterprise Modelling, University of Duisburg-Essen, Essen, Germany
- Internship at PricewaterhouseCoopers WPG AG, Munich, Germany





The IM Team

Thierry J. Ruch

- Born in Brilon, Germany
- Diploma in Business Information Systems, University of Göttingen, Germany
- Exchange at Iéseg – School of Management in Lille, France
- Graduate Assistant at the Chair of Application Systems and E-Business, Göttingen
- Work and Internship Experience at Deutsche Bank (Frankfurt, Germany) and Cargill SAS (Haubourdin, France)





The IM Team

Nicky Opitz

- Born in Leipzig, Germany
- Master Studies in Business Education, University of Göttingen, Germany
- Bachelor Studies in Business Information Systems, University of Göttingen, Germany
- Graduate Assistant, Faculty of Agricultural Sciences, University of Göttingen, Germany



The IM Team

Sebastian Busse

- Born in Gifhorn, Germany
- Master of Information Systems,
TU Braunschweig, Germany
- Working experience in the energy, IT and
automotive sector
 - Braunschweiger Versorgungs-AG & Co.KG,
Braunschweig (BS Energy), Germany
 - Specht Ingenieurbüro für Energiewirtschaft und –technik,
Müden, Germany
 - conceptQ GmbH, Wolfsburg, Germany





The IM Team

Vujdan El Khatib

- Born in Hildesheim, Germany
- Ph.D. student of Göttingen University and Marmara University Istanbul 
- Magister Studies in Cultural Sciences and Business Management
- Intercultural German Teaching/German as a Foreign and Second Language
- Relevant Work and Internship Experiences:
 - Johnson Controls Hanover – HRM; Kone GmbH Hanover – HRM; Bosch Hildesheim; Yalova University (Turkey)





Contact

Prof. Dr. Lutz M. Kolbe

Chair Head
lkolbe@uni-goettingen.de
Tel.: +49 (0)551 / 39-4441

Thierry J. Ruch

Dipl.-Wirtsch.-Inf.
truch@uni-goettingen.de
Tel.: +49 (0)551 / 39-9912

Tobias F. Langkau

Dipl.-Wirtsch.-Inf.
tlangka@uni-goettingen.de
Tel.: +49 (0)551 / 39-9736

Janis Kossahl

M.Sc. in Wirtschaftsinformatik
jkossah@uni-goettingen.de
Tel.: +49 (0)551 / 39-9914

Nicky Opitz

M.Ed. Business Education
nopitz@uni-goettingen.de
Tel.: +49 (0)551 / 39-10404

Address

Georg-August Universität, Göttingen
Platz der Göttinger Sieben 5
D-37073 Göttingen
Germany
www.im.wiwi.uni-goettingen.de

Simon Trang

M.Sc. in Wirtschaftsinformatik
strang@uni-goettingen.de
Tel.: +49 (0)551 / 39-20418

Sebastian Busse

M.Sc. in Wirtschaftsinformatik
sbusse@uni-goettingen.de
Tel.: +49 (0)551 / 39-9911

Vujdan El Khatib

Magister Studies in Cultural Sciences and Business
Management
vujdan.elkhatib@wiwi.uni-goettingen.de