

Prof. Dr. Roman Beck

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Edvard Thomsens Vej 25 5th
DK-2300 Copenhagen, Denmark

Professional Experience

- 04.2017 until today European Blockchain Center, Copenhagen, Denmark
Head of European Blockchain Center
- Blockchain Winter School (Copenhagen FinTech Lab and Algorand Foundation, DKK 400,000 (2022))
 - Report on Blockchain Performance and Scalability for Massively large Systems for the EU Commission Joint Research Center
 - Report on the Macroeconomic Implications of the Emerging Blockchain Industry for Denmark (The Danish Industry Foundation with DKK 1.33 million (2018))
 - Project on Contract-based Digital Currency (publicly funded with DKK 150,000)
- 04.2017 until today IT University of Copenhagen, Copenhagen, Denmark
Lead Researcher
- 08.2015 – 12.2016 IT University of Copenhagen, Copenhagen, Denmark
Head of Section "Information Management"
- Information Management Section, 25 faculty members
- 06.2015 – 12.2018 IT University of Copenhagen, Copenhagen, Denmark
Head of Research Group "Technology, Innovation Management & Entrepreneurship" (TIME)
- 02.2014 until today IT University of Copenhagen, Copenhagen, Denmark
Full Professor in Information Systems
- Project leader "Blockchain Academy Network" (BAN) for developing executive level courses on Blockchain Economics, Industriens Fond (2 years: DKK 2,080,000.00), 2019 - 2021
 - Project responsible for "Denmark-China Blockchain Business Bridge" twin incubator in Shanghai and Copenhagen, Industriens Fond (2.5 years: DKK 3,501,333.00), 2019 - 2021
 - Project partner "Sustainable supply chains for bio-based products - Using blockchain technology to accelerate sustainability, transparency and traceability in biobased value chain", COWI A/S (2 years: DKK 2,585,250.00)
 - Project applications and coordination of the research project "Leadership and well-being in Enterprise Social Media" and "Repurposing Social Media in Emergency Response Situations", financed by ITU, as well as "Critical Systems Management and Organizational Mindfulness in the Public Sector", funded by IS-PRAT e.V. (1 year, volume: € 70,000)
 - Design and implementation of lectures and exercises in "Enterprise Services" within the Master program and "Institution Economics and Market Engineering" within the Executive Master program

- Organizer of the Nordic Blockchain Summer School at ITU in Copenhagen, supported by Copenhagen Business School and University of Copenhagen and in cooperation with Maersk, Nordea, and SKAT, sponsored by IBM, Reply, Implement and Noerr (volume: € 30,000). 36 participants.
- Supervisor of 3 Ph.D. student at IT University, with 13 Ph.D. students completed (Goethe University) and 3 Ph.D. student at IT University of Copenhagen
- Giving PhD seminars at Universities in Wuerzburg, Marburg and Cologne in Germany as well as Adelaide and Brisbane in Australia in 2014 and Barcelona in 2015, in Amman in 2016, and in Melbourne and Frankfurt in 2018
- Advisor of Bachelor and Master theses

04.2008 – 01.2014

Johann Wolfgang Goethe University, Frankfurt/Main, Germany
Faculty of Economics and Business Administration
Institute for Information Systems

Professor and Chair of Business Administration, especially E-Finance and Services Science, Assistant Professor (W1)

- Publications: contributions in journals, books and at conferences
- Project applications and coordination of the research project "IT Cooperation in Public-Private-Partnerships", financed by ISPRAT e.V. (2 years, volume: € 160,000)
- Research projects in the areas of "IT Project Management", "Enterprise 2.0 and Social Networks", "Communication Behavior in Companies", and "Public IT Projects" (6 years, funded by the E-Finance Lab, overall volume € 720,000)
- Design and implementation of lectures and seminars in Services Science within the Master program of Information Systems
- Advisor of Bachelor and Master theses

01.2006 – 03.2008

Johann Wolfgang Goethe University, Frankfurt/Main, Germany
Faculty of Business Administration
Institute for Information Systems

Post-Doc at the Chair of Prof. Dr. Wolfgang Koenig, Chair for Business Administration, especially Information Systems and Information Management

- Independent design and implementation of courses
- Development of a structured Ph.D. program for the area of Information Systems
- Project application and coordination of the BMBF-financed consortia research project FinGrid in the framework of the D-Grid-Initiative (3 years, overall volume: € 3.1 Million, € 480,000 for the own research group)

11.2000 – 01.2006

Johann Wolfgang Goethe University, Frankfurt/Main, Germany
Faculty of Business Administration
Institute for Information Systems

Research Assistant (100%) for Prof. Dr. Wolfgang Koenig, Chair for Business Administration, especially Information Systems and Information Management

- Support of Prof. Koenig's lectures with over 800 participants
- Project work in the German-NSF-funded research project dealing with diffusion analysis of network goods, with a focus on communication standards between companies

- Project work for the US-NSF-funded project covering the adoption and diffusion of e-commerce and its impact on globalization – cooperation with research teams from Brazil, China, Denmark, France, Japan, Mexico, Singapore, Taiwan, and the USA

- 03.2000 – 09.2001 Johann Wolfgang Goethe University, Frankfurt/Main, Germany
Faculty of Business Administration
Institute for Rural Development Research
Research Assistant (approved additional activity +20%)
 - Project work within the framework of the creation of a regional development plan SaarLorLux+ for the Grand Duchy of Luxembourg
 - Project work and expert reporting regarding the extension of the solidarity pact II on behalf of the east German states

- 10.1998 – 11.2000 Johann Wolfgang Goethe University, Frankfurt/Main, Germany
Faculty of Business Administration
Institute for Information Systems
Student Assistant at the Chair for Business Administration, especially Information Systems and Information Management
 - Support of research and teaching in the German-NSF-funded special research project 403 "Networking as a Competitive Factor"

- 03.1999 – 06.1999 PBS Network GmbH, Stuttgart, Germany
Working Student
 - Customer support for companies in the industry of paper products, office supplies, and stationery using EDI

- 11.1998 – 02.1999 KPMG, Frankfurt/Main, Germany
Student Assistant
 - Support software testing during the introduction of the Euro and Y2K-improvements at a client within the banking sector

- 08.1998 – 10.1998 Mummert + Partner, Frankfurt/Main, Germany
Student Assistant
 - Analysis of EDI-applications in the banking sector, as part of a more comprehensive study

- 07.1991 – 08.1998 Guthmann Office Supply GmbH, Gelnhausen, Germany
Part-time Employee
from 07.1994 on **Authorized Signatory (Prokurist)**
 - Rollout an inventory management system and an EDI-system
 - Instructor of the apprentices
 - Representative of the Managing Director (Responsibility: 16 employees, approx. € 2.5 Million annual turnover)

Additional Professional Activities

- 03.2022 until today Blockchain Fond, Aarhus, Denmark
Advisory Board Member

- 10.2021 until today European Blockchain Partnership, Brussels, Belgium
Convenor of the Expert Group developing "Ethical Guidelines for Blockchain" for the EU Commission

- 12.2020 until today Bundeswirtschaftsministerium, Berlin, Germany
Blockchain Expert and Academic Lead for "Fachdialog Blockchain"
- 04.2020 until today United Nations Economic Commission for Europe
Blockchain Expert and Convenor for Interoperability Governance
- 06.2019 until today Copenhagen FinTech Alliance, Copenhagen, Denmark
Advisory Board Member on Fintech
- 04.2019 until today European Blockchain Partnership, Brussels, Belgium
Representative of Denmark at the Technical Steering Group to the EU Commission
- 10.2018 until today ISO TC 307 Blockchain & DLT Systems Standardization Group
Convenor of TC307 WG5 "Blockchain Governance"
- 07.2018 until today Dataport, Altenholz, Germany
Advisory Board Member on Digitization
- 09.2022 Computer Science Colloquium, Hamburg, Germany
Presentation on Tokens and Sustainability
- 08.2022 ICETEB Conference, Amman, Jordan
Keynote Speaker and Co-Conference Chair
- 08.2022 Academy of Management, Seattle, US
Panel on Blockchain in Business Research
- 07.2022 Documenta Kassel, Germany
Speaker on "NFTs and Sustainability"
- 07.2022 NEGZ Stammtisch, Berlin, Germany
Speaker on "Blockchain in Public Administration"
- 07.2022 **Standard Australia, Blockchain Event, Sydney, Australia**
Panelist on Blockchain Governance Standardization
- 06.2022 Finanstilsynet MiCA-event, Copenhagen, Denmark
Keynote Speaker on Blockchain and Regulation
- 11.2021 10th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Virtual Singapore
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 "Blockchain Governance"
- 11.2021 Quarterly meeting of the European Blockchain Partnership (EBP) Technical group
Representing Denmark Developing the European Blockchain Services Infrastructure

- 11.2021 Blockchain Academy, Copenhagen
Organizer and Lecturer
- 11.2021 Blockchain Academy, Vejle
Organizer and Lecturer
- 12.2019 - 12.2021 OECD
Blockchain Expert Policy Advisory Board
- 10.2021 until today European Commission Pre-Market Procurement Assessment
4-days assessment of Blockchain solutions for the EU Commission
- 10.2021 Blockchain Academy
4-days Blockchain Course for German Central Bank
- 10.2021 Blockchain Business Bridge Bootcamp, Copenhagen
Co-Organizer and Advisor
- 10.2021 PhD Seminar on Blockchain in Business Research
Week-long online PhD Workshop with 12 PhD Students
- 08.2021 **Blockchain Master Class**
Studio Production of Videos for 16 hours of Blockchain Teaching Content
- 06.2021 9th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Virtual Singapore
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 "Blockchain Governance"
- 05.2021 Blockchain Dialogue for the German Ministry of Economy, Berlin
Co-Organizer, Expert, and Moderator "Token Economy"
- 02.2021 Quarterly meeting of the European Blockchain Partnership (EBP) Technical group
Representing Denmark Developing the European Blockchain Services Infrastructure
- 11.2020 Quarterly meeting of the European Blockchain Partnership (EBP) Technical group
Representing Denmark Developing the European Blockchain Services Infrastructure
- 11.2020 8th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Virtual Singapore
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 "Blockchain Governance"
- 10.2020 Bentley University PhD workshop on Blockchain Research
Lecturer
- 10.2020 VHB ProDok PhD Seminar on Blockchain in Business Research
Week-long PhD Workshop with 16 PhD Students

- 09.2020 EU Horizon Blockchain Project Evaluation
Reviewer
- 09.2020 Blockchain Academy, Copenhagen
Organizer and Lecturer
- 08.2020 Blockchain Business Bridge Bootcamp, Copenhagen
Co-Organizer and Advisor
- 08.2020 Annual Meeting of the Academy of Management, Vancouver, Canada
Speaker at the All-Academy PDW "AI in Management"
- 07.2020 Program Accreditation for Blockchain Master Course Nicosia, Cyprus
Expert and Program Accreditor
- 06.2020 EU Commission Joining Forces for Blockchain Standardization
Keynote Speaker on Blockchain Governance Standardization
- 06.2020 7th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Virtual Cyprus
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 "Blockchain Governance"
- 06.2020 INATBA Academic Advisory Board Meeting
Academic Advisor
- 05.2020 INATBA Roundtable
Keynote Speaker and Panelist
- 03.2020 International Conference Wirtschaftsinformatik, Potsdam, Germany
Track Chair for Blockchain
- 03.2020 Factory Berlin Görlitzer Park, Berlin, Germany
Panelist on Avoiding the Emerging Patent Risk in Blockchain Ecosystems
- 03.2020 Bundeswirtschaftsministerium for preparing the German EBP Presidency, Berlin, Germany
Consulting the German Government
- 02.2020 OECD 4th BEPAB meeting, OECD, Paris
BEPAB Member Representing Denmark
- 02.2020 European Blockchain Observatory Workshop - Blockchain Research Priorities
Panelist on Blockchain Research for Europe
- 02.2020 Quarterly meeting of the European Blockchain Partnership (EBP) Technical group
Representing Denmark Developing the European Blockchain Services Infrastructure
- 12.2019 International Conference on Information Systems, Munich, Germany
Track Chair for Blockchain and FinTech

- 12.2019 30th Australasian Conference on Information Systems, Perth, Australia
Speaker on Blockchain Scalability and Performance
- 11.2019 6th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Hyderabad, India
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 "Blockchain Governance"
- 11.2019 International ACM Conference on Management of Digital EcoSystems, Limassol, Cyprus
Speaker on Blockchain Scalability and Performance
- 11.2019 Federal Academy for Security Policies, Berlin, Germany
Executive Seminar, Speaker and Panelist on Blockchain and Security
- 11.2019 Finpulse Börse Stuttgart, Stuttgart, Germany
Keynote Speech and Panelist
- 11:2019 Blockchain Roundtable, Zurich, Switzerland
Dinner Speech
- 10.2019 World Young Scientists Summit, Wenzhou, China
Honorary Guest
- 10.2019 Learning and Innovation in Resilient Systems Conference, Heerlen, The Netherlands
Keynote on Blockchain Economics
- 10.2019 America House, US Consulate, Munich, Germany
Keynote Speech on North Atlantic Security Issues and Blockchain
- 09.2019 The Farmers Club, London, United Kingdom
Dinner Speech on Blockchain Market Engineering
- 08.2019 European Blockchain Partnership Technical Group, Brussels, Belgium
Representing Denmark at the EU Commission
- 08.2019 4th Blockchain Summer School, Copenhagen, Denmark
Organizer and Speaker
- 07.2019 Münchner Kreis Workshop Blockchain in Administration, Munich, Germany
Keynote on Blockchain in the Public Sector
- 07.2019 European Blockchain Partnership Technical Group, Brussels, Belgium
Representing Denmark at the EU Commission
- 06.2019 Carlsberg Blockchain Center, Copenhagen, Denmark
Keynote Speech on Blockchain in Denmark

- 06.2019 Copenhagen FinTech Alliance Advisory Board Meeting, Copenhagen, Denmark
Advisory Board Meeting
- 06.2019 Smart Government Convention, Bern, Switzerland
Speaker and Panelist on Blockchain in Denmark
- 06.2019 Mannheim Business School, Mannheim, Germany
Executive Education on Blockchain Economics
- 05.2019 5th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Dublin, Ireland
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 "Blockchain Governance"
- 05.2019 2 Days PhD Blockchain Seminar, Porto, Portugal
Blockchain Seminar for PhD Students in Information Systems
- 05.2019 ICMA Annual General Meeting, Stockholm, Sweden
Keynote Speaker on Blockchain in Finance
- 05.2019 Fraunhofer Blockchain in Industry Day, Stuttgart, Germany
Speaker on Blockchain and Market Engineering
- 05.2019 Polkadot, Zug, Switzerland
Blockchain Economic Advisory
- 05.2019 Mathematical Research for Blockchain Economy, Santorini, Greece
Keynote on Blockchain Economics
- 04.2019 Future Blockchain Summit, Dubai, VAE
Speaker and Panelist
- 03.2019 OpenIdentity Fraunhofer, Garmisch, Germany
Keynote on Blockchain Economics
- 03.2019 VHB Blockchain Working Day, Munich, Germany
Organizing a Blockchain Workshop for Professors in Business Administration in Germany
- 02.2019 Max Planck Society kickoff meeting "Bloxberg", Tegernsee, Germany
Founding Member of the International Blockchain Network Bloxberg for Science
- 02.2019 World Government Summit, Dubai, UAE
Speaker at the WGS 2019 on Blockchain in the Public Sector
- 02.2019 State Minister for Digitization Bavaria, Germany
Consultation on Blockchain Strategy for Bavaria
- 01.2019 Pre-HICSS Workshop on Blockchain, Wailea, Maui, US
Keynote Speaker on Blockchain in Information Systems Research

- 12.2018 Pre-ICIS Workshop on Blockchain, San Francisco, US
Keynote Speaker on Blockchain in Information Systems Research
- 11.2018 German Parliament, Public Hearing on Digital Agenda, Berlin, Germany
Expert at the German Parliament on Blockchain
- 11.2018 Bündnis90/Die Grünen Event on „What can Blockchain?“, Berlin, Germany
Speaker as Head of European Blockchain Center
- 11.2018 Smart Country Convention, Berlin, Germany
Panelist at Smart Country Convention on Digitization in Denmark
- 11.2018 United Nations (UNICEF) Children’s Day, Copenhagen, Denmark
Speaker on Blockchain Solution for more Equality in Education Systems
- 11.2018 Sino-Danish Delegation to Shanghai, China
Head of Danish Delegation on Blockchain for one week to Shanghai, Hangzhou and Suzhou
- 10.2018 4th ISO Meeting of TC 307 Blockchain & DLT and WG 5, Moscow, Russia
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 WG5 “Blockchain Governance”
- 10.2018 VHB ProDok PhD Seminar on Blockchain, Frankfurt, Germany
Week-long PhD Workshop with 17 PhD Students in Business Administration
- 10.2018 Acatech Germany, Berlin, Germany
Blockchain Workshop for Members of German Parliament
- 10.2018 Exchange Summit 2018, Berlin, Germany
Keynote on The Future of Cash and Invoices in a Blockchain Economy: Will We Need Invoices at all in 2030?
- 09.2018 Dansk Industri Blockchain Workshop, Copenhagen, Denmark
Two days Blockchain Seminar for Professional Service Industry
- 09.2019 Kühne Logistics University, Hamburg, Germany
Transformation of the Logistics Industry in the Light of Blockchain
- 09.2018 PhD Seminar at Deakin University. Melbourne, Australia
Blockchain Foundations and the Emergence of Blockchain Economy
- 09.2018 Reserve Bank of Australia, Sydney, Australia
Presentation on Blockchain and DLT governance

- 09.2018 Oracle Denmark, Ballerup, Denmark
Keynote on Enterprise Blockchain and Governance
- 08.2018 PhD Seminar with Students from University of Athens, Georgia, US
Blockchain Economics in IS Research
- 06.2018 Expert Meeting with Japanese Blockchain Companies, Yokohama, Japan
Meeting organized by Danish Embassy to attract Japanese Blockchain Companies to Denmark
- 06.2018 Université du Luxembourg, Blockchain Day, Luxembourg
Blockchain Research Workshop with PayPal Europe and Luxembourg National Research Fund
- 06.2018 Science Brunch Swiss Research Foundation for Electricity and Mobile Communication, Zurich, Switzerland
Presentation of Foundations of Blockchain and DLT
- 05.2018 Volkswagen AG Mobilelife Workshop, Wolfsburg, Germany
Keynote during half-day Workshop on Blockchain Economy and Standardization
- 04.2018 Royal Bank of Canada FinTech Workshop, Toronto, Canada
Meeting with Danish Ambassador and Ontario Financial Regulation Authority on ICO and ITO Regulation
- 04.2018 17th International Conference on INFORMATICS in ECONOMY, Iasi, Romania
Keynote on the Emergence of the Blockchain Economy
- 04.2018 3rd ISO Meeting of TC 307 Blockchain & DLT and SG 6, London, UK
Elected Head of the Danish Delegation of Dansk Standard to ISO. Convenor of TC307 SG6 "Blockchain Governance"
- 04.2018 ECO Verband Blockchain Master Seminar, Hamburg, Germany
Full Day Blockchain Master Course with Exercises for IT Executives
- 04.2018 BAFIT Bitcoin-Symposium, Innsbruck, Austria
Presentation and Panelist on "New Markets Engineering with Blockchain"
- 03.2018 Lero - the Irish Software Research Centre, Dublin, Ireland
Presentation "Delivering Public Services Using Blockchain"
- 03.2018 Innovationsforum Energie 2018, Zurich, Switzerland
Presentation "Digitization and Blockchain in Denmark"
- 11.2017 Kazakhstan Science Foundation Blockchain Meeting, Almaty, Kazakhstan
Presenter and Panelist on Blockchain and Cryptocurrency Regulation and Standardization

- 11.2017 Münchenner Kreis Blockchain Conference, Munich, Germany
Keynote Speaker: The Transformational Power of Blockchain: Key Technologies, Developments and Limitations
- 11.2017 2nd ISO Meeting of TC 307 Blockchain & DLT, Tokyo, Japan
Elected Head of the Danish Delegation of Dansk Standard to ISO. Elected Convenor of TC307 SG6 "Blockchain Governance for ISO"
- 10.2017 European Intellectual Property Office, Alicante, Spain
Blockchain and Intellectual Property two-day Expert Workshop
- 10.2017 Keynote Speech "Automate 2017", Fujitsu, Munich, Germany
Topic: Blockchain and the Future of Digitization
- 10.2017 Blockchain Workshop for Danish Municipalities, Copenhagen, Denmark
Workshop with KOMBIT for Danish Municipalities on Blockchain as Welfare Technology
- 08.2017 2nd Blockchain Summer School, Copenhagen, Denmark
Co-organizer of a four days International PhD Summer School on Blockchain, together with Maersk, Nordea, and Nets
- 07.2017 Blockchain, Market Liquidity and Economic Growth, MIT, Boston, US
Presentation about Blockchain and Economic Implications for Central Banks
- 04.2017 ISO Inaugural Meeting of TC 307 Blockchain & DLT, Sydney, Australia
Elected Head of the Danish Delegation of Dansk Standard to ISO
- 03.2017 Opportunities and Risks of Blockchain Technologies, Dagstuhl Germany
Co-organizer of the 1st Dagstuhl research seminar on Blockchain in Computer Science, Information System, and Law
- 03.2017 Executive Blockchain Seminar for Finance Industry, Amman, Jordan
Two days executive course for the Finance Industry of Jordan
- 02.2017 Blockchain PhD Seminar, University of Würzburg, Germany
Two days Blockchain PhD workshop with Ethereum Exercises
- 11.2016 Blockchain Lecture at Executive MBA class at Harvard, Boston, US
Half-day lecture on Blockchain
- 08.2016 1st Blockchain Summer School, Copenhagen, Denmark
Organizer of a four days International PhD Summer School on Blockchain, together with Maersk, Nordea, and SKAT
- 07.2015 – 11.2015 European Finance Week, Frankfurt, Germany
**European FinTech Startup Award 2015, Jury Member
Host of the Blockchain Panel**

- 08.2015 **Barcelona Doctoral Consortium on Digital Innovation**
Couching PhD students during a three days Doctoral Consortium
- 02.2015 until today Finans.dk, Copenhagen, Denmark
Own Editorial on IT & Finance-related Topics in Online and Print
- 11.2014 networker, projektberatung GmbH, Kronberg, Germany
Panelist: Future of ISD and Business Process Outsourcing
- 09.2014 Partnerschaften Deutschland AG Summer School, Potsdam, Germany
Chairing a Panel Discussion about the Future of IT Public Private Partnerships
- 07.2013 McKinsey Technology Lab 2013, Bologna, Italy
Scientific Expert for Big Data in Banking
- 08.2009 – 07.2012 Baden-Württemberg Cooperative State University, Mannheim
Dual study program "Information Systems" for the apprentices of the Johann Wolfgang Goethe-University, **Instructor and Trainer**
- 01.2011 – 03.2011 Xenube Finance Services GmbH, Frankfurt/Main, New York
Co-Founder
- 08.2009 – 11.2009 Interxion GmbH, Frankfurt/Main
Implementation of a study dealing with "Added Value in Digital Networks", **Principal Investigator**
- 01.2007 – 05.2007 Economic Development Agency Frankfurt GmbH, Frankfurt/Main
Survey "Finance Cluster Frankfurt", **Principal Investigator**
- 08.2002 – 07.2005 Johann Wolfgang Goethe University, Frankfurt/Main
Chamber of Commerce and Industry profession "IT Specialist in the Area of Systems Integration", **Instructor and Trainer**
- Education**
- 04.2012 – 01.2013 Center for Science and Research Management, Speyer, Germany
Participating in the Junior-Professional-Management-Program (120 hours course)
- 08.2010 Johann Wolfgang Goethe University, Frankfurt/Main, Germany
Leading as a Researcher – Successful Positioning as a Supervisor (8 hours course)
- 07.2008 Johann Wolfgang Goethe-University, Frankfurt/Main, Germany
Basic Certificate on Higher Education Didactics (80 hours course)
- 11.2000 – 01.2006 Johann Wolfgang Goethe-University, Frankfurt/Main, Germany
Ph.D. with Prof. Dr. Wolfgang Koenig, Chair for Business Administration, especially Information Systems and Information Management
Degree: Dr. rer. pol.

Doctoral thesis: *The Network(ed) Economy: The Nature, Adoption, and Diffusion of Communication Standards*
Final grade: 0,0 (summa cum laude)

10.1994 – 11.2000 Johann Wolfgang Goethe-University, Frankfurt/Main, Germany
Studies in Business Administration with a focus on Information Systems and Economics
Degree: Diplom-Volkswirt

Final thesis: *Electronic Commerce Standards in the German Industry of Paper Products, Office Supplies, and Stationery – An Empirical Study*
Final grade: 2.1 (with distinction)

09.1998 Chamber of Commerce and Industry, Hanau, Germany
Instructor certification

01.1998 Chamber of Commerce and Industry, Hanau, Germany
Certified Merchant (Kaufmann im Einzelhandel) (IHK)

06.1994 Grimmelshausen High School, Gelnhausen, Germany
Graduation: **University Entrance Certificate (Abitur)**
Final grade: 2.1 (on a scale of 1-5 with 1 excellent)

Language Skills

German: Native speaker
English: Fluent speaking and writing
French: Basic
Danish: Basic

International Experience

01.2019 Doctoral Consortium, Weilea, Maui, USA
Mentor at the HICSS 52 conference

01.2018 Doctoral Consortium, Kona, Hawaii, USA
Mentor at the HICSS 51 conference

12.2017 Mid-Career Workshop, Information Systems Researcher, Seoul, Korea
Co-organizer of the pre-ICIS AIS mid-career workshop

01.2017 Doctoral Consortium, Kona, Hawaii, USA
Mentor at the HICSS 50 conference

12.2016 Mid-Career Workshop, Information Systems Researcher, Dublin, Ireland
Co-organizer of the pre-ICIS AIS mid-career workshop

08.2016 Pacific Asia Conference on Information Systems, Chiayi, Taiwan
International Advisory Board Member

12.2015 International Conference on Information Systems, Fort Worth, TX, USA
Senior Scholar Panel, Panelist

- 07.2015 Doctoral Consortium on Digital Innovation, Barcelona, Spain
PhD Advisory Board Member
- 10.2012 Annual Meeting of the International Monetary Fund and the World Bank
Group, Tokyo, Japan
Participant and representing the House of Finance
- 01.2012 – 03.2012 Australian National University, Canberra, Australia
Visiting Fellow
- 10.2011 Annual Meeting of the International Monetary Fund and the World Bank
Group, Washington, USA
Participant and representing the House of Finance
- 04.2010 – 05.2010 New York University, New York City, USA
Visiting Scholar
- 12.2007 – 03.2008 Georgia State University, Atlanta, USA
Visiting Scholar
- 07.2004 – 09.2004 University of Michigan, Ann Arbor, School of Information, USA
Visiting Researcher
- 08.2003 – 11.2003 University of California, Irvine, Center for Research in Information
Technology and Organization, USA
Visiting Researcher
- Since 2001 Regular participation at international academic conferences
- Since 2002 Regular meetings with international project partners

Memberships

- Since 06.2009 German Academic Association for Business Research (VHB)
Since 06.2008 German Association of University Professors and Lecturers
Since 12.2001 Association for Information Systems (AIS)

Publication Record

Journals

2022

1. *Beck, Roman, Dibbern, Jens. & Wiener, Martin* **A Multi-Perspective Framework for Research on (Sustainable) Autonomous Systems**, in: Business & Information Systems Engineering. 64, p. 265-273
2. *Beck, Roman, Dibbern, Jens. & Wiener, Martin* **Interview with Peter Mertens and Wolfgang König: "From Reasonable Automation to (Sustainable) Autonomous Systems"**, in: Business & Information Systems Engineering. 64, p. 311-315
3. *Jørgensen, Kim P., Beck, Roman* **Universal Wallets**, in: Business & Information Systems Engineering. 64, 1, p. 115-125

2021

4. *Büttgen, M., Dicenta, J., Spohrer, K., Venkatesh, V., Raman, R., Hoehle, H., De Keyser, A., Verbeeck, C., Zwienerberg, T. J., Jørgensen, K. P., Beck, R., Rikken, O., Janssen, M., Kwee, Z. & Schär, F.* **Blockchain in Service Management and Service Research – Developing a Research Agenda and Managerial Implications**, in: Journal of Service Management Research. 5, 2, p. 71-102
5. *Sunyaev, A., Kannengießer, N., Beck, R., Treiblmaier, H., Lacity, M., Kranz, J., Fridgen, G., Spankowski, U. & Luckow, A.* **Token Economy**, in: Business & Information Systems Engineering (63), p. 457–478

2019

6. *Rossi, Matti; Mueller-Bloch, Christoph; Thatcher, Jason & Beck, Roman* **Blockchain Research in Information Systems: Current Trends and an Inclusive Future Research Agenda**, in: Journal of the Association for Information Systems (JAIS). (20:9), 16 p., 14.
7. *Pedersen, Asger; Risius, Marten; Beck, Roman* **Blockchain Decision Path: When to Use Blockchains? Which blockchains do you mean?**, in: MIS Quarterly Executive (MISQE). (18:2) 3

2018

8. *Alt, Rainer; Beck, Roman, Smits, Marten* **FinTech and the transformation of the financial industry**, in: Electronic Markets (28:3), pp. 235–243
9. *Beck, Roman; Müller-Bloch, Christoph; King, John. L.* **Governance in the Blockchain Economy: A Framework and Research Agenda**, in: Journal of the Association of Information Systems (JAIS) (19:10), Article 1
10. *Tremblay, Monica; VanderMeer, Deborah; Beck, Roman* **The Effects of the Quantification of Faculty Productivity: Perspectives from the Design Science Research Community**, in: Communications of the Association for Information Systems (CAIS), (43)
11. *Beck, Roman* **Bitcoin: The Rise of Blockchain World**, in: Computer (51:2), pp. 54-58

2017

12. *Beck, Roman; Avital, Michel; Rossi, Matti; Thatcher, Jason* **Blockchain Technology in Business and Information Systems Research**, in: Business & Information Systems Engineering (59:6), pp. 381-384

13. *Dernbecher, Sabine; Beck, Roman*

The concept of mindfulness in information systems research: A multi-dimensional analysis, in: *European Journal of Information Systems* (26:2), pp. 121-142

14. *Niederman, Fred; Applegate, Lynda; Beck, Roman; Clarke, Roger; King, John Leslie; Majchrzak, Ann*
IS Research and Policy: Notes From the 2015 ICIS Senior Scholar's Forum, in: *Communications of the Association for Information Systems* (40) 5, pp. 88-92

2016

15. *Benthous, Janek; Risius, Marten; Beck, Roman*

Social Media Management Strategies for Organizational Impression Management and their Effect on Public Perception,

In: *The Journal of Strategic Information Systems* (25:2), pp. 127-139

16. *Beck, Roman; Pahlke, Immanuel; Vykoukal, Jens*

Colocation as a hybrid ICT sourcing strategy to improve operational agility, in: *The DATABASE for Advances in Information Systems* (47:2), pp. 9-35

2015

17. *Risius, Marten; Beck, Roman*

Effectiveness of Corporate Social Media Activities to Increase Relational Outcomes,

In: *Information & Management* (52:7), pp. 824-839

18. *Beck, Roman; Rai, Arun; Fischbach, Kai; Keil, Mark*

Untangling Knowledge Creation and Knowledge Integration in Enterprise Wikis,

in: *Journal of Business Economics* (85:4), pp. 389-420

19. *Beck, Roman; Oliver Marschollek; Robert Gregory*

Establishing IT Public-Private Partnerships by Developing a Joint Institutional Logic,

in: *The DATABASE for Advances in Information Systems* (46:1), pp. 24-38

2014

20. *Beck, Roman; Pahlke, Immanuel; Seebach, Christoph*

Knowledge Exchange and Symbolic Action in Social Media-Enabled Electronic Networks

of Practice: a Multilevel Perspective on Knowledge Seekers and Contributors, in: *Management Information Systems Quarterly* (38:4), pp. 1245-1270

2013

21. *Gregory, Robert; Beck, Roman; Keil, Mark*

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E-Business Integration by SMEs in the Manufacturing Sector: A Data Envelopment Analysis Approach, in: Strategic Use of Information Technology for Global Organizations, pp. 201-217, IGI Publishing; Hershey, PA
12. *König, Wolfgang; Beck, Roman*
Kommunikationsstandards und die Ökonomie der Netzentwicklung, in: Wirtschaftsinformatik im Fokus der modernen Wissensökonomie, pp. 41-65, TUDpress; Dresden

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13. *Beck, Roman*
The Network(ed) Economy - The Nature, Adoption, and Diffusion of Communication Standards, Deutscher Universitätsverlag; Wiesbaden, Germany
14. *König, Wolfgang; Wigand, Rolf T.; Beck, Roman*
Germany: A "fast follower" of e-commerce technologies and practices, in: Global E-Commerce: Impacts of National Environment and Policy; Kenneth Kraemer, Jason Dedrick and Nigel Melville (eds.), Cambridge University Press; Cambridge, UK

2003

15. *König, Wolfgang; Beck, Roman*
International vergleichende Untersuchung des Einsatzes von E-Business-Basistechnologien in mittelständischen Unternehmen, in: Herausforderungen der Wirtschaftsinformatik in der Informationsgesellschaft, Ehrenberg, Dieter (Hrsg.), Edition am Gutenbergplatz; Leipzig
16. *Beck, Roman*
Verbreitung von E-Business und Informationstechnologien im deutschen Mittelstand, in: eBusiness-Jahrbuch der deutschen Wirtschaft, Wegweiser Verlag; Berlin

Working Papers

1. *Kranz, Johann; Zeiss, Roman; Beck, Roman; Gholami, Roya; Sarker, Saonee; Watson, Richard; Whitely, Edgar*
Practicing What We Preach? Reflections on More Sustainable and Responsible IS Research and Teaching Practices, forthcoming in: Communications of the AIS
2. *Pedersen, Asger B.; Madsen, Signe A.; Beck, Roman*
Blockchain Ethics, under review at Business and Information Systems Engineering (BISE), first revision round

3. *Beck, Roman; Jain, Geetika*
DLT-based regulatory systems dynamics, forthcoming at HICSS 2023
4. *Mueller-Bloch, Christoph; Beck, Roman*
Smart Contracts, under review at Business and Information Systems Engineering (BISE), first revision round
5. *Waters, Lara A.; Beck, Roman*
Dispute resolution and smart contracts – an exploration of possibilities for on- and off-chain solutions, under review at a law journal
6. *Beck, Roman; King, John L.*
Coopetition in Blockchain Alliances, under development, to be submitted to Journal of the Association of Information Systems
7. *Schwiderowski, Jan; Pedersen, Asger B.; Beck, Roman*
Token and Token Systems Taxonomy, under review at Information Systems Frontiers
8. *Gregory, Robert W.; Beck, Roman*
Blockchain Governance Capabilities and Collective Value Creation, under development, to be submitted to Academy of Management t Review
9. *Beck, Roman; Jane, Geetika; Wareham, Jonathan*
On-Chain and Off-Chain Governance Dynamics in Decentralized Blockchain Systems, under development, to be submitted to Management of Information Systems Quarterly
10. *Muller-Bloch, Christoph; Seebacher, Stephan; Beck, Roman*
Blockchain Systems Governance: A Polycentric Information Commons Perspective, under development, to be submitted to Management of Information Systems Quarterly

Community Services, Academic Self-Administration, Editorships

IT University of Copenhagen

<u>Doctoral Consortium</u>	1 st HICSS Doctoral Consortium 2017 2 nd HICSS Doctoral Consortium 2018 3 rd HICSS Doctoral Consortium 2019
<u>Elected Council Member AIS</u>	Regional AIS Representative for Europe, Middle East and Africa (2016-2018)
<u>Dagstuhl Seminar Organizer</u>	Co-organizing the Dagstuhl Seminar 17132 on "Opportunities and Risks of Blockchain Technologies"
<u>External PhD Evaluator</u>	Member of PhD assessment committees for several Universities in Denmark and United Kingdom
<u>Academic Self-Administration</u>	Section Head of the Information Management Section Research Head of TIME Research Group Chairing faculty hiring committees for full professor positions Member Ph.D. candidates' evaluation committees since 2014

Johann Wolfgang Goethe University

<u>Academic Self-Administration</u>	Jury member of the „Deutschlandstipendien“ 2011 board
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Journals and Conferences

<u>Department Editor</u>	Business Information Systems Engineering (BISE)
<u>Senior Editor</u>	Management Information Systems Quarterly Executive (MISQE)
<u>Senior Editor</u>	Journal of Association of Information Systems (JAIS)
<u>Guest Editor</u>	Transactions of Management Information Systems (TMIS) on FinTech
<u>Guest Editor</u>	Business Information Systems Engineering (BISE) on Blockchain
<u>Guest Editor</u>	Journal of Association of Information Systems (JAIS) on Blockchain
<u>Guest Editor</u>	Electronic Markets (EM) on FinTech
<u>Senior Editor</u>	Data Base for Advances in Information Systems (DataBase)
<u>Senior Editor</u>	Journal of Information Technology Theory and Application (JITTA) (2011-2015)
<u>Guest Associate Editor</u>	Management Information Systems Quarterly (MISQ)
<u>Editorial Board</u>	Journal of Business Economics (JBE)
<u>Conference Chair</u>	International Conference on Information Systems (ICIS 2022) European Conference on Information Systems (ECIS 2022)
<u>Track Chair</u>	International Conference on Information Systems (ICIS 2019) International Conference on Information Systems (ICIS 2015) International Conference on Information Systems (ICIS 2014) European Conference on Information Systems (ECIS 2018) European Conference on Information Systems (ECIS 2017)
<u>Program Committee</u>	International Advisory Board Member Pacific Asia Conference on Information Systems (PACIS 2016)

<u>Mini-Track Chair</u>	Hawaiian International Conference on System Sciences (HICSS-51) 2018 Hawaiian International Conference on System Sciences (HICSS-50) 2017
<u>Workshop Chair</u>	pre-ICIS 2013 SIG Service Science Workshop organizer
<u>Country Ambassador</u>	European Conference on Information Systems (ECIS 2014)
<u>Reviewer (selection)</u>	Communications of the Association for Information Systems (CAIS) European Journal of Information Systems (EJIS) Electronic Markets (EM) Information Systems Journal (ISJ) Journal of the Association for Information Systems (JAIS) Journal of Information Technology (JIT) Management Information Systems Quarterly (MISQ) Business Information Systems Engineering (BISE) Journal of Business Economics (JBE)
<u>Associate Editor (selection)</u>	International Conference on Information Systems (ICIS 2008, 2010, 2011, 2012, 2013, 2016, 2017), Associate Editor Wirtschaftsinformatik 2011, 2013, 2015, 2017, Associate Editor European Conference on Information Systems (ECIS 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016), Associate Editor

Courses

Courses as Full Professor

Autumn 2022	Blockchain Economics (master) Lecture, Exercise and Practice PhD course: Blockchain in Business Research
Spring 2022	Service Economics (master) Lecture & Exercise PhD course: Blockchain Winter School
Autumn 2021	Blockchain Economics (master) Lecture, Exercise and Practice PhD course: Blockchain in Business Research Executive course: Blockchain and Digital Assets for a Central Bank
Autumn 2020	Blockchain Economics (master) Lecture, Exercise and Practice PhD course: VHB Blockchain in Business Research
Spring 2020	Service Economics (master) Lecture & Exercise
Autumn 2019	Blockchain Strategy and Leadership (executive master) Lecture & Exercise Blockchain Economics (master) Lecture, Exercise and Practice PhD course: Blockchain Summer School
Spring 2019	Service Economics (master) Lecture & Exercise
Autumn 2018	Blockchain Strategy and Leadership (executive master) Lecture & Exercise PhD course: Blockchain Summer School
Spring 2018	Digital Business Models (master) Lecture & Exercise
Autumn 2017	PhD course: Blockchain Summer School
Autumn 2016	Enterprise Services (master) Lecture & Exercise PhD course: Blockchain Summer School
Spring 2016	Institution Economics and Market Engineering, (executive master) Lecture Enterprise Services (master) Lecture & Exercise PhD course: Epistemological Foundations and Research in IS
Autumn 2015	Enterprise Services (master) Lecture & Exercise
Spring 2015	Institution Economics and Market Engineering, (executive master) Lecture
Autumn 2014	Enterprise Services (master) Lecture & Exercise PhD course: TransIT PhD Connect Symposium
Spring 2014	IT Organization of the Future, (executive master) Lecture & Exercise

Courses as Chair of E-Finance and Services Science

WS 2014	Luftverkehr im Wandel (BEC1:W15) Seminar
SS 2014	PhD course: Complex Systems Thinking and Systems of Systems Management in IS Seminar
WS 2013	Luftverkehr im Wandel (BEC1:W14) Seminar
SS 2013	Philosophy of Science and Research Methods in Information Systems (PHIL:2013) Colloquium PhD course: Complex Systems Thinking and Systems of Systems Management in IS Seminar Services Science – The Role of IT in the Service Economy (BECK:S13) Seminar
WS 2012	Luftverkehr im Wandel (BEC1:W13) Seminar Services Science (SESI) Lecture
SS 2012	Philosophy of Science and Research Methods in Information Systems (PHIL:2012) Colloquium PhD course: Design Science in IT-Seminar

	Services Science – The Role of IT in the Service Economy (BECK:S12) Seminar
	Chancen und Risiken Sozialer Medien für die Wertschöpfungskette von Unternehmen Seminar
SS 2011	Philosophy of Science and Research Methods in Information Systems (PHIL:2011) Colloquium
	Services Science – The Role of IT in the Service Economy (BECK:S11) Seminar
	Nachhaltigkeitsmanagement als Kernkompetenz moderner Unternehmen Seminar
WS 2010	Epistemological Foundations and Research in IS (EPIS:2010) Colloquium
	Luftverkehr im Wandel (LUFT:10MA, LUFT:10DI) Seminar
	Services Science (SERV:12) Lecture
SS 2010	Philosophy of Science and Research Methods in Information Systems (PHIL:2010) Colloquium
	Data Collection and Data Analysis in Information Systems Research Seminar
	Services Science – The Role of IT in the Service Economy [BEK1:S10 (Master), BE1S:10WI (Diplom)] Seminar
	Ubiquitäre Kommunikationstechnologien in der Wissensgesellschaft [BEK2:S10 (Master), BE2S:10WI (Diplom)] Seminar
WS 2009	Epistemological Foundations and Research in IS (EPIS) Colloquium
	Luftverkehr im Wandel (BECK:09WI) Seminar
	Services Science (SERV:09WI) Lecture
SS 2009	Philosophy of Science and Research Methods in Information Systems (PHIL) Colloquium
	Design Science Research Paradigm in Information Systems Seminar
	Services Science – The Role of IT in the Service Economy (BECS:09WI) Seminar
	Innovative elektronische Marktplätze für Entwicklungs- und Schwellenländer (BEK1:S09) Seminar
WS 2008	Epistemological Foundations and Research in IS (EPIS) Colloquium
	Luftverkehr im Wandel (BECK:08WI) Seminar
	Services Science (SERV:08WI) Lecture
SS 2008	Philosophy of Science and Research Methods in Information Systems (PHIL) Colloquium
	Services Science – The Role of IT in the Service Economy (KOEW:08WI) Seminar
WS 2007	Luftverkehrssysteme im Wandel (BECK:07WI) Seminar
SS 2007	Philosophy of Science and Research Methods in Information Systems Colloquium
WS 2006	Luftverkehrssysteme im Wandel Seminar
	The changing nature of IT project management Seminar

Courses supported as Research Assistant of Prof. Dr. Wolfgang König

SS 2005	Die Rolle des CIO im strategischen Informationsmanagement Seminar
	High-Level Requirements Analysis for Complex Information Systems Development Lecture
SS 2003	IT-Standards in der Informationsgesellschaft Seminar
SS 2002	Wirtschaftsinformatik I Lecture – ca. 150 students
WS 2001/2	E-Business und EAI Seminar
	ACE – Agent-Based Computational Economics Seminar

Grundzüge der Wirtschaftsinformatik Lecture – ca. 800 students

Research and Teaching Awards

Research Awards

Dec. 2021	AIS Impact Award, International Conference on Information Systems (ICIS 2021), Austin, Texas
Jun. 2016	Best Paper Award Nomination European Conference on Information Systems (ECIS 2016), Istanbul, Turkey
Nov. 2014	Best German Information Systems Paper of the Year 2014 and Nomination for the best Business Administration paper of the Year, German Academic Association for Business Research, for MISQ paper
Jan. 2014	Best Paper Award Nomination Hawaii International Conference on System Sciences (HICSS-47), Kona, Big Island, USA
Nov. 2012	Best German Information Systems Paper of the Year 2012 and Nomination for the best Business Administration paper of the Year, German Academic Association for Business Research, for MISQ paper
Jan. 2012	Best Paper Award Nomination Hawaii International Conference on System Sciences (HICSS-45), Wailea, Maui, USA
Dec. 2011	Best Reviewer Award, SIGADIT, DIGIT Workshop, Shanghai, China
Dec. 2011	Junior Professional Research Management Award of the President of Johann Wolfgang Goethe University, Frankfurt am Main
Mar. 2011	Winner of the „Deutschland, Land der Ideen“ Award for the Research Project „Financial Service Cloud“ 2011
June 2010	Herbert A. Simon Best Paper Award, DESRIST 2010: 5th International Conference on Design Science Research in Information Systems and Technology, in St. Gallen, Switzerland
Jan. 2010	Best Paper Award Nomination Hawaii International Conference on System Sciences (HICSS-43), Koloa, Kauai, USA
Dec. 2009	Best Paper Award, SIGITProjMgmt, 4th International Workshop on IT Project Management, Phoenix, USA
Jan. 2009	Best Paper Award, Hawaii International Conference on System Sciences (HICSS-42), Waikoloa, USA
Dec. 2008	Best Reviewer Award, SIGITProjMgmt, 3rd International Workshop on IT Project Management, Paris, France
Dec. 2006	Best Paper Award, SIGITProjMgmt, 1st International Workshop on IT Project Management, Milwaukee, USA
Dec. 2006	Best Paper Award, SIGITProjMgmt, 1st International Workshop on IT Project Management, Milwaukee, USA

Teaching Awards

SS & WS 2013	50% teaching load deduction due to outstanding engagement in PhD education
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- SS 2011 Runner-up of teaching evaluations for seminars in the master program (out of 14 seminars) with „Services Science – The Role of IT in the Service Economy“
- WS 2010/11 Winner of the teaching evaluation of seminars in the master program (out of 17 seminars) with “Changes in Air Traffic Services”
- WS 2010/11 Runner-up of teaching evaluations for lectures in the master program (out of 21 lectures) with “Services Science”