

Christoph Burger

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Current Employment

Senior Lecturer, ESMT European School of Management and Technology, Berlin, Germany, April 2015-present.

Education

Master of Applied Economics, University of Michigan, Michigan, USA, 1989.

licentiatus oecnomiae, Hochschule St.Gallen, Switzerland (with distinction), 1987.

Vordiplom (Betriebswirtschaftslehre), Universität Saarbrücken, Germany, 1985.

Past Employment

Senior Associate Dean of Executive Education, ESMT European School of Management and Technology, Berlin, Germany, January 2015 - December 2017.

ESMT Customized Solutions GmbH since 2004, Managing Director ESMT Customized Solutions GmbH April 2011 - December 2014.

Independent Consultant, 1998 - 2003.

Vice President, Bertelsmann Buch AG, 1996 - 1998.

Senior Project Manager, Arthur D. Little, 1990 - 1996.

Project Leader Group Marketing for Otto Sumisho, Otto Versand, 1989 - 1990.

Teaching Assistant, University of Michigan, U.S.A., 1988 - 1989.

Service and institution building

Member, ESMT Academic Committee, 2021.

Member, ESMT Executive Management Committee, 2004-2017.

Member, ESMT Recruitment Committee 2007-2017.

Publications

Books

Burger, C., A. Froggatt et al. (Eds.) (2020). *Decentralized Energy – A Global Game Changer*. London: Ubiquity Press.

Burger, C., and J. Weinmann (2012). *The decentralized energy revolution: Business strategies for a new paradigm*. Basingstoke: Palgrave Macmillan.

Burger, C., and J. Hagen (Eds.) (2008). *Strukturumbruch in der Finanzdienstleistungsindustrie: Prozessänderungen als Chance für neue Strategien und Konzepte in Banken*. Wiesbaden: Gabler.

Burger, C. (Ed.) (2002). *Der Businessplan in der Praxis: Beurteilen aus Investorensicht, Anwenden aus Unternehmenssicht*. Stuttgart: Deutscher Sparkassen Verlag.

Book chapters (selection)

Burger, C., and J. Weinmann (2020). Business models beyond subsidies: Which core competencies are needed? In *Decentralized energy: A global game changer*, ed. C. Burger, A. Froggatt, C. Mitchell, and J. Weinmann. London: Ubiquity Press.

Shipworth, D., Burger, C., et al. (2019). Peer-to-Peer trading and blockchains: Enabling regional energy markets and platforms for energy transactions, In *Consumer, prosumer, prosumer: How service innovations will disrupt the utility business model*, ed. F. Sioshansi. Waltham: Academic Press.

Burger, C., and J. Weinmann (2016). European utilities: Strategic choices and cultural prerequisites for the future. In *Utilities of the future: Future of utilities*, ed. F. Sioshansi. Waltham: Academic Press.

Burger, C., and L.-H. Röller (2015). Nord Stream and the Danish fishermen. In *Project management*, ninth international student version, ed. J.R. Meredith, S.J. Mantel Jr., 108–110. Wileys.

Burger, C., and J. Weinmann (2014). Germany's decentralized energy revolution. In *Distributed generation and its implications for the utility industry*, ed. F. Sioshansi, 49–74. Waltham: Academic Press.

Case studies (selection)

Burger, C., and J. Habel (2020). ZachSoft: Improving decision making through sales analytics. Independently published, No. 520-0003-1. Warwick Business School and ESMT Berlin (also available in German)

Burger, C., and J. Clawson (2013). *Landau Media*. ESMT Case Study, ESMT-313-0135-1 (also available in Russian)

Burger, C., and J. Clawson (2011). *Negotiating with the Cuban sugar industry (A): No way out?* Darden School of Business Case Study UVA-OB-1019.

Burger, C., and J. Clawson (2011). *Negotiating with the Cuban sugar industry (B): Juan Antonio Fajardo Duque*. Darden School of Business Case Study UVA–OB–1020.

Burger, C., and J. Clawson (2011). *Negotiating with the Cuban sugar industry (C): Philip Fisch*. Darden School of Business Case Study UVA–OB–1021.

Burger, C., and L.-H. Röller (2011). *Nord Stream and the Danish fishermen*. ESMT Case Study, ESMT–311–0120–1 (also available in Russian).

Schäfer, U., J. Hagen, and C. Burger (2011). *Mr. KLM (A): Jacob Veldhuyzen*. ESMT Case Study, ESMT–411–0117–1.

Schäfer, U., J. Hagen, and C. Burger (2011). *Mr. KLM (B): Captain van Zanten*. ESMT Case Study, ESMT–411–0118–1.

Schäfer, U., J. Hagen, and C. Burger (2011). *Mr. KLM (C): Jaap*. ESMT Case Study, ESMT–411–0119–1.

Weinmann, J., and C. Burger (2010). *Tijuana hyperborder plant: An investment opportunity?* ESMT Case Study, ESMT–310–0106–1.

Academic publications

Burger, C., and J. Weinmann (2022). Blockchain Platforms in Energy Markets-A Critical Assessment. *Journal of Risk and Financial Management*

Burger, C., and J. Weinmann (2015). Innovation performance of the US American and European electricity supply industry. *Energy Policy* 86: 351–359.

Other publications (selection)

Burger, C., A. Froggatt, C. Mitchell, and J. Weinmann (2020). A wake-up call for the corporate world. *The European Business Review*.

Burger, C., and J. Weinmann (2019). Economic perspectives on recomunalization in the energy sector. *Notes Internationals*.

Burger, C., and J. Weinmann (2017). The 3 Stages of a Country Embracing Renewable Energy. *HBR Online*.

Burger, C., and J. Weinmann (2017), Blockchain and smart contracts: Pioneers of the energy frontier. *International Business Times*.

Burger, C., A. Kuhlmann et al. (2017). Vulnerabilities in smart meter infrastructure – can Blockchain provide a solution. *Deutsche Energie-Agentur GmbH (dena)*.

Burger, C., A. Kuhlmann et al. (2016). Blockchain in the energy transition. A survey among decision-makers in the German energy industry. *Deutsche Energie-Agentur GmbH (dena)*.

Burger, C., and J. Weinmann (2016). How the ‘Big Beyond’ will change business models of utilities. *Oxford Energy Forum* 26(104): 8–11.

Burger, C., and J. Weinmann (2016). Germany’s RWE and E.ON splitting: Will they prosper? *Energy Informer* 26 (10): 10–12.

Burger, C., S. Pandit, and J. Weinmann (2015). ESMT innovation index 2014 – electricity

supply industry: The “big beyond”. *ESMT Business Brief*, *ESMT No. BB–15–01*.

Burger, C., and J. Weinmann (2015). The decentralized energy revolution in Germany. *Power & Energy Solutions* 27 (September): 85–88.

Burger, C., and J. Weinmann (2014). ESMT innovation index 2012: Electricity supply industry. *ESMT Business Brief*, *ESMT No. BB–14–01*.

Burger, C., and J. Weinmann (2012). ESMT innovation index 2010: Electricity supply industry. *ESMT Business Brief*, *ESMT No. BB–12–01*.

Conferences

Peer reviewed paper presentations

Business model innovation of Blockchain-based energy trading platforms

- 05/31/19: 42nd IAEE European Energy Conference, Montreal, Canada.

Innovation dynamics in the European and US American electricity supply industry

- 09/09/12: 12th IAEE European Energy Conference, Ca' Foscari University, Venice, Italy.

Other presentations (selection)

Energy transition in the Federal Republic of Germany: an evaluation and outlook

- 03/12/19: Presenter, XVI International Seminar on Energy and the Environment, The Naturgy Foundation, The Ministry for Ecological Transition, Madrid, Spain.

Dealing with intercultural diversity: A case study and approaches to build on strengths

- 02/14/19: Presenter, IBC - Working Committee «Human Resources, Education & Science», IBC International Business Congress, St. Petersburg, Russia.

Blockchain – the next big thing

- 04/27/18: Presenter, Hidden Champions Conference, ESMT Berlin and Yale School of Management, New Haven, USA.

Blockchain innovation – the case of the gas industry

- 04/12/18: Presenter, IBC - Working Committee «Industry, Innovations and Prospective Development», IBC International Business Congress, Munich, Germany.

New business model: How the delivery of electricity services is likely to evolve in Saudi Arabia?

- 12/10/17: Presenter, KAPSARC-SEC workshop - Electricity Reform and Technological Disruption: What Options for Saudi Arabia, KAPSARC and SEC, Riyadh, Saudi Arabia.

Energiewende 1.0 – 3.0: Matching phases of energy transition and business models

- 11/17/17: Presenter, Business and the Human Prospect, Energy Futures, IMD, Lausanne, Switzerland.

- Digitisation, decentralization and the implications of disruptive technologies
- 11/08/17: Presenter, OIES Electricity Day, The Oxford Institute for Energy Studies, Oxford, UK.
- Blockchain – from cryptocurrencies to the potential of Blockchain technology
- 09/07/17: Presenter, Bertelsmann University - Finance Summit, Bertelsmann SE & Co. KGaA, Berlin.
- Blockchain: A transaction technology for smart contracts
- 05/29/17: Presenter, 10th OMIE International Workshop, Tackling disruptive trends in power markets, OMIE, Madrid, Spain
- Chancen und Herausforderungen von Blockchain für die Energiewende
- 11/22/16: Author & Presenter, dena-Kongress 2016, Deutsche Energie Agentur, Berlin, Germany.
- Can blockchains boost the transformation of the European energy system?
- 10/05/16: Presenter, Digitalisation of the energy industry: Will blockchain be the booster? KIC InnoEnergy, Berlin, Germany.
- Energiewende - insights from Germany on changing energy markets
- 06/30/16: Author & Presenter, Eco Summit, Forum GG2: Eco-civilization & green growth, BIT Group Global Ltd, Seoul, South Korea.
- IAEE Pre-Conference Workshop
- 06/19/16: Author & Presenter, Future of utilities: Utilities of the future: A German/European perspective, Centre for energy and environmental markets, Bergen, Norway.
- Non-energy companies in the power market
- 05/31/16: Presenter, The utility of the future: Preparing for a changing energy sector, OMIE, Madrid, Spain.
- Power self-generation and self-consumption: Insights from the German Energiewende
- 02/03/16: Presenter, Power self-generation and self-consumption, Club Español de la Energía, Madrid, Spain.
- European utilities: Strategic choices and cultural prerequisites for the future
- 09/16/15: Author & Presenter, Tomorrow's utilities: What future, or will there be a future?, Cornwall Energy, London, UK.
- How far and how fast will changes occur?
- 04/28/15: Author & Presenter, The future of the electricity utilities project: European stakeholder meeting, Chatham House, London, UK.
- Country Profile: Energiewende – Insights from Germany on changing energy markets
- 04/10/15: Author & Presenter, The forum 2100: Innovation in business and energy for the new millennium, EPFL, College of Management of Technology, Lausanne, Switzerland.

News/Media (selection)

Eine Flatrate für Strom

- August 16, 2020 Süddeutsche Zeitung

Here comes the sun – how decentralized energy benefits business and the planet

- April 8, 2020 ESMT podcast

Remunicipalisation of Local Energy Provision: The Role of Cities and Bottom-up Initiatives

- May 28, 2019 CIDOB Policy Brief 20 Examining the impact of distributed generation

Blockchain Expert and ESMT Senior Lecturer Christoph Burger Discusses the Evolution and Potential of Distributed Ledger Technology in the Finance Industry

- January 24, 2019 CardRates.com

Companies want blockchain technology for Europe's electricity market

- September 08, 2018 Market Business News

Report from our Innovation and Disruption event

- June 25, 2018 Cornwall Insight Remunicipalisation of Local Energy Provision: The Role of Cities and Bottom-up Initiatives

Bitcoin and Blockchain: The Applications in Germany

- February 14, 2018 Global Network Perspectives

Blockchain and smart contracts: Pioneers of the energy frontier

- December 15, 2017 International Business Times

Digitalization ignites new phase in energy transition

- July 24, 2017 PennEnergy

Blockchain: The transaction solution for decentralized electricity markets?

- June 15, 2016 Global Network Perspectives: Blockchain, technology, energy markets, utilities, decentralized billing, Bitcoin, startups, Fintech

Bioenergy efforts empower german villages

- July 14, 2013 The Wall Street Journal:

Grants

Bundesministerium für Wirtschaft und Energie

- Project leaders: Christoph Burger, Jens Weinmann
ETIBLOGG – Energy Trading via Blockchain-Technology in the Local Green Grid
€155,800

Reviewer Activities

Energy Policy

Ledger Journal

Renewable and Sustainable Energy

Schmalenbachs Zeitschrift für betriebswirtschaftliche Forschung

Languages

German (native), English (high proficiency).

Updated: June 13, 2024.