

TUBA BAKICI

Associate Professor of Information Systems

EDHEC Business School

Paris, France

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RESEARCH INTERESTS

Human-computer Interaction, Technology and innovation, Green Information Technology

ACADEMIC BACKGROUND & POSITIONS

09/2024-present	EDHEC Business School Associate Professor	Lille, France
01/2024-08/2024	ISC Paris Associate Professor Director of DBA program	Paris, France
2020-2024	Rennes School of Business Associate Professor, Department: Information Systems	Rennes, France
2014-2020	Assistant Professor, Department: Information Systems	
2009-2013	ESADE Business School, Universitat Ramon Llull Ph.D. June 2013. Department of Operations, Innovation and Data Sciences (formerly Business Policy, Human Resources and Information Systems Management) Thesis "Open innovation intermediaries: Marketplaces for innovation" Advisors: Jonathan Wareham, Esteve Almirall Thesis Committee: Henry Chesbrough, Wim Vanhaverbeke, Lars Bo Jeppesen	Barcelona, Spain
2008-2009	ESADE Business School, Universitat Ramon Llull Master of Research in Management Science	Barcelona, Spain
2006-2007	Imperial College London Master of Science in Management	London, United Kingdom
2003-2006	University of Essex Bachelor in Management Economics (Hons)	Colchester, United Kingdom

PUBLICATIONS

- Ozer, T., **Bakici, T.**, Hazir, O., (2024) "Project Monitoring and Performance Assessment with Real Data" *IEEE Transactions on Engineering Management*, 71, 4051 - 4062. (ABS 3, 3*)
- Mirowska, A., **Bakici, T.**, (2023) "Working in a bubble: techno-isolation as an emerging techno-stressor in teleworkers" *Information Technology & People*, forthcoming. (ABS 3, 3*)
- Canhilal, K., Canboy, B. **Bakici, T.** (2022) "Social Support for Expatriates through Virtual Platforms: Exploring the Role of Online and Offline Participation" *International Journal of Human Resource Management*, 33(5), 1005-1036. (ABS 3, 3*)
- Bakici, T.**, Nemeş, A., Hazir, O. (2021) "Big Data Adoption in Project Management: Insights from French Organizations" *IEEE Transactions on Engineering Management*, 70(10), 3358-3372. (ABS 3, 3*)
- Bakici, T.** (2020) "Comparison of Crowdsourcing Platforms from Social-Psychological and Motivational Perspectives" *International Journal of Information Management*, 54, 102121. (FNEGE 2, 3*)
- Liu, Y., **Bakici, T.** (2019) "Enterprise Social Media Usage: The Motives and the Moderating Role of Public Social Media Experience" *Computers in Human Behavior*, 101C, pp.163-172. (ABS 2, 2*)

- **Bakici, T.**, Almirall, E. (2017) "Intervention intermediaries flourish: matching firms with solutions to complex needs" *Journal of Business Strategy*, 38(4), pp. 21-29. (ABS 1, 1*)
- **Bakici, T.**, Almirall, E., Wareham, J. (2013) "The Role of Public Open Innovation Intermediaries in Local Governments and the Public Sector", *Technology Analysis and Strategic Management*, 25(3), pp. 311-327. (ABS 2, 2*)
- **Bakici, T.**, Almirall, E., Wareham, J. (2013) "A Smart City Initiative: The case of Barcelona" *Journal of the Knowledge Economy*, 4(2), pp. 135-148. (ABS 1, 1*)

Non-Peer-Reviewed Publications:

- Schaffers, H., Komninos, N., Pallot, M., Aguas, M., Almirall, E., **Bakici, T.**, et al. "Smart Cities as Innovation Ecosystems sustained by the Future Internet" [Technical Report] 2012, pp.65. hal00769635f
- Schaffers, H., Komninos, N., Tsarchopoulos, P., Almirall, E., **Bakici, T.**, et al. "Landscape and Roadmap of Future Internet and Smart Cities" [Technical Report] 2012, pp. 222. hal00769715
- Almirall, E., **Bakici, T.**, et al. "New governance models towards an open Internet ecosystem for smart connected European cities and regions" Open innovation, directorate-general for the information society and media, European commission, pp. 91-93.
- Chesbrough, H., Vanhaverbeke, W., **Bakici, T.**, Lopez-Vega, H. "Open innovation and public policy in Europe", 2011, A research report commissioned by Science & Business Innovation Board.
- Vanhaverbeke, W., **Bakici, T.**, "Quilts of Denmark: Managing open innovation in a low-tech SME", Teaching case, 2010, previously published in ECCH.
- Almirall, E., **Bakici, T.**, "The Underlying Mechanisms of Open Innovation Intermediaries", Service Innovation Yearbook, 2010-2011, European Commission, Information Society and Media Directorate-General.

CONFERENCES

- "Employee Voice in Enterprise Social Media" Academy of Management Annual Meeting (AOM), August 9-13, 2024 in Chicago, United States.
- "Development of a maturity model for sustainable organizational digital consumption" R&D Management Conference, June 17-19, 2024 in Stockholm, Sweden.
- "Digital Frugality for Managerial Tasks: Three-way Interaction Effects of Redundancy of Software on Techno-stressors" European Conference on Information Systems (ECIS), June 11-16, 2023, in Kristiansand, Norway.
- "Project Managers' Technical, Behavioral and Digital Competencies: An Exploratory Study in Three Countries" 2021 European Academy of Management (EURAM), June 16-18, virtual, Canada.
- "Interaction between Individual, Team and Organizational IT Competencies: A Multi-Level Framework" International Conference on Information Systems (ICIS), December 13-16, 2020, virtual, India.
- "Virtual Sanity: Social Support for Expatriates through Online Communities" Academy of Management Annual Meeting (AOM), August 4-8, 2017 in Atlanta, Georgia, United States.
- "Performance of Ideation Projects Based on Task Characteristics" Pacific Asia Conference on Information Systems (PACIS), July 16-20, 2017 in Langkawi, Malaysia.
- "Motives for Participation in On-line Open Innovation Platforms" Academy of Management Annual Meeting (AOM), August 7-11, 2015 in Vancouver, British Columbia, Canada.
- "The Role of Public Open Innovation Intermediaries in Local Governments and the Public Sector" Academy of Management Annual Meeting (AOM), August 3-7, 2012, in Boston, Massachusetts.
- "The Underlying Mechanisms of Open Innovation Intermediaries" R&D Management Conference, June 30 - July 2, 2010, in Manchester, UK.
- "Idea Generation Patterns in an Internet-Based Open Innovation Intermediary." European Academy of Management (EURAM), May 19-22, 2010, Tor Vergata University, Rome, Italy.
- "A Process View of Open Innovation" DRUID Winter Conference, January 21-23, 2010, Aalborg, Denmark.

PROJECTS

- 2024- 2027 **SHARE** **French National Research Agency - ANR**
Researcher
- Investigated the impact of psychological entropy on human responses to algorithmic decision-making, with a focus on human-AI interaction dynamics
- 2020- 2023 **ECHOS (ECological and Human Sobriety)** **French National Research Agency - ANR**
Researcher, Sustainable Digital Consumption
- Responsible for measuring and encouraging digital frugality in organizations and collaborate for the development of a maturity model for sustainable digital consumption at the workplace
 - Collaborating with b<>com, UBO, UBS and Orange S.A.
- 2010- 2013 **Open Cities** **CIP / EU project**
Researcher, Open Innovation for Future Internet Services in Smart Cities - 2.9 EUR million
- Responsible for managing and completing a work package about Open innovation in the Public Sector, Cities
 - Implemented real experiments in online platforms and mechanisms such as Crowdsourcing, Open Data and Open Sensor Networks
 - Collaborated with various public organizations such as Barcelona, Amsterdam, Berlin, Helsinki and Paris City Halls and private organizations such as Cap Digital, Waag Society, Fraunhofer, ForumVirium, Barcelonactiva, etc.
- 2010- 2011 **Open Innovation Practice & IP Management** **ESADE (Brussels)**
Researcher
- Designed and presented future European innovation policy recommendations about Open Innovation and IP management strategy through analyzing best practices in four economic sectors: ICT/technology; pharmaceuticals/life science; energy and chemicals
 - Collaborated with leading companies such as Microsoft, BP, Pfizer, ETH Zurich and Truffle Capital
 - Presented the report to Máire Geoghegan-Quinn, European Commissioner for Research, Innovation and Science in Brussels in June and during the European Commission's Innovation Convention December 2011
- 2010- 2012 **FIREBALL** **FP7 / EU project**
Researcher, Future Internet Research and Experimentation - 1.7 EUR million
- Prepared policy recommendations to boost smart city strategies and developments
 - Analyzed current and emerging policies regarding how smart city Barcelona is exploiting the opportunities of the Future Internet and how they are collaborating with experimentation environments based on the best practices
- 2009- 2010 **IA5 Research Project** **Regional (Catalonia)**
Researcher, Acceleration Paths towards Innovation and Competitiveness- 1.17 EUR million
- Designed and developed a set of technological assets to ease the adaptation to Open Innovation by companies across Europe
 - Completed 15 case studies across Europe such as IBM, Nokia, StatoilHydro, Fortis, KLM, BBVA, etc.

TEACHING EXPERIENCE

- Innovation and Concepts - MSc, Alternance (2024)
- SC Analytics & Digitalization - MSc in Logistics and Supply Chain Management, Alternance (2023)
- Supply Chain Information Systems - MSc in Logistics and Supply Chain Management, Alternance (2023)
- Information Systems for Sustainable Management - MSc in Sustainable Management and Eco Innovation (2020, 2021)

- Artificial Intelligence in Business - IMBA (2021)
- Designing User Experience and Web Analytics - EMBA (2019, 2020)
- Designing User Experience and Web Analytics - MSc in Digital Marketing & Communication (2016, 2017, 2018, 2020, 2023)
- Data Management - MSc in Data and Business Analytics (2017, 2018)
- Information Technology Management - Programme Grande École 2 (2015, 2016, 2017, 2018)
- Information Technology Management - MSc in Global Business Management (2014, 2015)
- E-Logistics and Information Systems - MSc in Supply Chain Management (2014)
- Information Systems Management and Financial Aspects in SM - MSc in Sustainable Management and Eco Innovation (2014)
- Open Innovation & Open Business Models - Ph.D. program (2012)

SERVICE

- Department representative for the Recruitment Committee (2020 – 2023)
- Coordination of Minor for Programme Grande École (2015 – 2019)
Responsible for the courses under “Management Information System” minor
Recruit students and exchange with them through forum mineure et parcours internationaux
- Course coordination of “Information Technology Management” (2015 – 2018)
Coordination of 18 groups and 6 professors for Programme Grande École course
Achieving high teaching performance
- Part of Programme Grande École Reboot Team (2018 – 2020)
Representing Supply Chain Management and Information Systems area
- Part of faculty representing in front of accreditation auditors
Representing Supply Chain Management and Information Systems area and faculty in front of accreditation auditors of EQUIS (8 October 2014), EQUIS re-accreditation (27 September 2017) and AMBA re-accreditation (13 November 2017) during the audit meetings
- Part of Microsoft Teams education training pilot (2020)
Representing Supply Chain Management and Information Systems area to adapt online education for 2020-21 academic year
- DBA and MSc Dissertation supervision
- Serve as ad-hoc reviewer and associate editor for various conferences and journals including Pacific Asia Conference on Information Systems, International Conference on Information Systems, European Conference on Information Systems, Information and Management, International Conference on Human-Agent Interaction, Academy of Management, Computers in Human Behavior, Tecnovation, Expert systems with applications, IEEE Transactions on Engineering Management, etc.

ADDITIONAL SKILLS

IT Skills MS Office, SPSS, SmartPLS, Axure, Adobe XD, Google Analytics, MySQL, SAP, Rapidminer, Tableau

Languages Turkish - Native, English - Fluent, Spanish - Basic, French – Basic

HONOR AND AWARDS

2009 - 2013 Ph.D. full scholarship, ESADE Business School
2008 - 2009 Talent and financial grants for MRes, ESADE Business School

INDICATORS

ResearchGate Reads: 22615, RIS: 1072, Citations: 1712 (09/2024)
Google Scholar h-index: 12, Citations: 2746 (09/2024)