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Cédric Gaspoz

Education

- 2010 **PhD in Business Information Systems**, *HEC Lausanne, University of Lausanne, Switzerland.*
Title: “Prediction Markets Supporting Technology Assessment”
Committee: Prof. Yves Pigneur (Supervisor, University of Lausanne), Prof. Shirley Gregor (The Australian National University), Prof. Jean-Fabrice Lebraty (University of Nice Sophia Antipolis), Prof. François Grize (University of Lausanne)
- 2005 **Master in Business Information (MBI)**, *HEC Lausanne, University of Lausanne, Switzerland.*
- 2000 **Master in Management (licence)**, *University of Neuchâtel, Switzerland.*

Employment History

- 2014–present **Professor UAS**, *Haute école de gestion Arc, University of Applied Sciences Western Switzerland (HES-SO), Switzerland.*
- 2014–present **Visiting Professor**, *HEC Lausanne, University of Lausanne, Switzerland.*
- 2012–2014 **Assistant professor UAS**, *Haute école de gestion Arc, University of Applied Sciences Western Switzerland (HES-SO), Switzerland.*
- 2010–2012 **Postdoctoral Fellow**, *Sauder Business School, University of British Columbia, Canada.*
- 2009–2010 **Internet/Intranet Expert**, *University of Lausanne, Lausanne, Switzerland.*
- 2004–2009 **Research and Teaching Assistant**, *HEC Lausanne, University of Lausanne, Switzerland.*
- 2000–2004 **Managing Director**, *younet.org, Bern, Switzerland.*
- 1999–2000 **Political Secretary**, *National Youth Council of Switzerland, Bern, Switzerland.*
- 1997–present **Founder, Managing Director**, *Tarqis Ltd, Biel/Bienne, Switzerland.*

Institutional Responsibilities

- 2012–present **Coordinator of BI teaching MScBA**, *University of Applied Sciences Western Switzerland (HES-SO), Switzerland.*

Approved Research Projects

- 2013–2015 **Appagoo**, *A Mobile Applications Privacy Risks Evaluation Framework, HES-SO-37075.*
- 2014–2016 **MiCorr**, *Microstructure and corrosion diagnostic system, HES-SO-38996.*
- 2017–2018 **ODOP**, *Corrosion diagnostic and recommendation system, HES-SO-65239.*

- 2017–2018 **Kairos**, *Preventive risk management addressing human related dimensions*, CTI-19311.1 PFES-ES.
- 2018–2020 **Jestime**, *Ontology based social benefits calculator*, GRS-067/17 BREF.

Supervision

- Bachelor 27 Bachelor Thesis since 2012
- Master Thesis Xavier Houtmann, Pascal Grossenbacher, Dimitri Gorgé, Rafael Fernandes

Teaching Activities

- Bachelor Business Intelligence and Decision Support, Data Warehouse, Systems Analysis
- Master Business Intelligence and Decision Support

Academic Duties

- Committee Program Committee WorldCIST
- Reviews Journal of the Association for Information Systems (JAIS), Electronic Markets (EM), Information Systems and e-Business Management (ISeB), Conferences (HICSS, AIM, WorldCIST)

Active memberships in scientific societies

- Memberships AIS, ACM, SI

Grants and Awards

- Grants Prospective researcher fellowship, Swiss National Science Foundation (PBLAP1-129408)
- Prospective researcher fellowship extension, Swiss National Science Foundation (PBLAP1-136966)
- Awards The University of British Columbia Postdoctoral Fellow Travel Award Q1/2012
- Thesis Awards **Doctoral Thesis**: “Prix de Solidarité Confédérale 2011”
- Master Thesis**: “TSA Telecom Best Student Award”

Major Scientific Achievements

My primary research focus is on decision support, specifically on the use of information systems to support users in reaching better decisions. This comprises three different perspectives: (1) supporting decision choice, (2) supporting problem structuring and information retrieval and (3) understanding the use of information systems in the context of decision making. The first perspective has given rise to my thesis on the use of prediction markets to support technology assessment. My dissertation proposes tackling new enterprise prediction market applications using a design science approach. In terms of theoretical contributions, I demonstrated the successful use of prediction markets to support R&D portfolio management and technology foresight, two new prediction market applications. As a natural extension of these results, I started to work on problem structuring during my time as a visiting scholar in the MIS division of The University of British Columbia (UBC). This second research perspective attempts to develop an ontology-based approach to support users in problem structuring in the context of the use of a decision support system (DSS). I propose to use an application ontology, built by specializing multiple domain ontologies and a task ontology, to support the user of a DSS in structuring the problem, acquiring a shared understanding of the problem domain and finally in discovering and retrieving relevant information. This work was later used to study the relation between one's privacy concerns and the installation of applications on mobile phones. Exploring the

cognitive mechanisms resulting in the installation of applications on mobile phones, mainly from a decision support perspective.

Currently, I'm working on creating representations of complex problems (microstructures corrosion, human risks in project management, social benefits) using ontologies in order to develop adaptive decision support tools. Part of this research resulted in the MiCorr application (<https://micorr.org>) that is widely used by conservators around the world to identify metals based on their microstructures corrosion.

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