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Department  
Information  
Systems and  
Decision Sciences****Contact**

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**Education**

Ph.D. in Business Information Systems - HEC Lausanne, University of Lausanne

MSc in Information Systems - HEC Lausanne, University of Lausanne

**Research Areas**

Mobile Business and Mobile Payments

Management and Strategy of Information Technology

Decision Science (Decision Support Systems)

Innovation Management

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**Publications****✉ Academic Publications****Articles**

"Near field communication: an assessment for future payment systems" (J. Ondrus, Y. Pigneur), *Information Systems and e-Business Management*, June 2009, Vol. 7, Issue 3, p. 347-361

"Past, present and future of mobile payments research - A literature review" (T. Dahlberg, N. Mallat, J. Ondrus, A. Zmijewska), *Electronic Commerce Research and Applications*, Jul. 2008, Vol. 7, Issue 2, p. 165-181

"Cross-industry Preferences for Mobile Payments Development in Switzerland" (J. Ondrus, Y. Pigneur), *Electronic Markets*, May 2007, Vol. 17, Issue 2, p. 142-152

"Towards A Holistic Analysis of Mobile Payments: A Multiple Perspectives Approach" (J. Ondrus, Y. Pigneur), *Electronic Commerce Research and Applications*, Oct. 2006, Vol. 5, Issue 3, p. 246-257

**✉ Other Publications****Articles published in Conference Proceedings**

"C-K design theory for information systems research", With Y. Pigneur. In : *Proceedings of the 4th International Conference on Design Science Research in Information Systems and Technology*, DESRIST'09. : ACM, 2009

"Trends in Mobile Application Development", With A. Holzer. In : *MOBILWARE 2009*, First International Workshop on Business Models for New Mobile Platforms. Berlin (Germany) : ICST, 2009

"Why Mobile Payment Fail? Towards a Dynamic and Multi-perspective Explanation", With K. Lyytinen, Y. Pigneur. In : *Proceedings of the 42nd Hawaii International Conference on System Sciences*, HICSS. Waikoloa, Big Island, Hawaii (USA) : IEEE Computer Society, 2009

"Comparison of Multi-criteria and Prediction Market Approaches for Technology Foresight", With C. Gaspoz, Y. Pigneur. In : *AIM 2008*, 13eme Congrès AIM Paris 2008 (pre-ICIS Workshop 2008). Paris (France) : AIM, 2008

"Technology Foresight for IT Investment: Multi-Criteria Decision-Making versus Prediction Markets", With C. Gaspoz, Y. Pigneur. In : *AIM Pre-ICIS Workshop 2007*, 6th AIM Pre-ICIS Workshop, 8 Dec 2007, UQAM. Montreal (Canada) : AIM, 2007

"An Assessment of NFC for Future Payments Systems", With Y. Pigneur. In : *The Proceedings of the 6th International Conference on Mobile Business*, ICMB'07. Toronto (Canada) : IEEE Computer Society, 2007

"A GDSS for Visualizing and Assessing a Technology Environment", With Y. Pigneur, J. Monzani. In : *The Proceedings of the 12th Americas Conference on Information Systems*, AMCIS'06. Acapulco (Mexico) : AIS, 2006

"A Systematic Approach to Explain the Delayed Deployment of Mobile Payments in Switzerland", With Y. Pigneur. In : *The 5th International Conference on Mobile Business (ICMB'06)*, ICMB'06. Copenhagen (Denmark) : IEEE Computer Society, 2006

"Mobile Payment Market and Research : Past, Present and Future", With T. Dahlberg, N. Mallat, A. Zmijewska. In : *The Proceedings of the Helsinki Mobility Roundtable 2006*, MRT'06. Helsinki (Finland) : Helsinki School of Economics, 2006

"A Multi-stakeholder Multi-criteria Assessment Framework of Mobile Payments: An Illustration with the Swiss Public Transportation Industry", With Y. Pigneur. In : *The Proceedings of the 39th Annual Hawaii International Conference on System Sciences*, HICSS'06. Hawaii (USA) : IEEE Computer Society, 2006

"A Multi-actor, Multi-criteria Approach for Technology Selection when Designing Mobile Information Systems", With Y. Pigneur, T. Bui. In : *IFIP TC8 Working Conference on Mobile Information Systems*, MOBIS'05. Leeds (UK) : Springer, 2005

"A Proposal for a Multi-Perspective Analysis of the Mobile Payments Environment", With Y. Pigneur, G. Camponovo. In : *The Proceedings of the 4th International Conference on Mobile Business*, ICMB'05. Sydney (Australia) : IEEE Computer Society, 2005

"Environmental Context Significance in Strategic Decision Support", With Y. Pigneur, G. Camponovo. In : *Proceedings of the Workshop on Context Modeling and Decision Support*, Context'05. Paris (France) : CEUR, 2005

"A Disruption Analysis in the Mobile Payment Market", With Y. Pigneur. In : *The Proceedings of the 38th Annual Hawaii International Conference on System Sciences*, HICSS'05. Hawaii (USA) : IEEE Computer Society, 2005

"Coupling Mobile Payments and CRM in the Retail Industry", With Y. Pigneur. In : *The Proceedings of the IADIS International Conference e-Commerce*, 2004. Lisbon (Portugal) : IADIS, 2004

"M-Computing for Real-Time Negotiation Support", With T. Bui. In : *The*

## Teaching

### ▸ Teaching at ESSEC

#### Pre-MBA period:

Introduction aux SI (SIDI21022)

#### ESSEC MBA:

IS/IT for Managers (SIDI31135)

eBusiness: Principles & Technology (SIDI31227)

#### ESSEC MSIR:

Collaboration et Knowledge management

Mobile computing

#### ESSEC PhD:

Data warehousing and decision support systems

Modeling and Designing IT Application

### ▸ Other Teaching Activities

Guest lecturer at the University of Mannheim, Germany  
(September 2008, 2009)

Visiting Research Professor, Sungkyunkwan University, Seoul,  
South Korea (March 2007)

Teaching Assistant, HEC Lausanne, University of Lausanne,  
Switzerland

- ebusiness
- Design of Interactive Software
- Integratin and Databases
- Information Systems Integration
- Information Systems Auditing

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## Other Activities

### ▸ Scientific Activities

## **Editorial Board Membership**

*Information Systems Journal*, Wiley-Blackwell

## **Conference Presentations**

"Why Mobile Payments Fail? An Analysis of the Swiss Case", (with K. Lyytinen, Y. Pigneur). Everyday Digital Money Workshop, University of California, Irvine, Irvine, USA, 18 sept. 2008

42th Annual Hawaii International Conference on System Sciences (HICSS'09), 5-8 Jan 2009, Hawaii, USA.

6th AIM Pre-ICIS Workshop, 8 Dec 2007, UQAM, Montreal, Canada

DBTA Workshop on Mobile Information: Architectures and Technologies, 7 Sep 2007, EPFL, Lausanne, Switzerland.

6th International Conference on Mobile Business (ICMB'07), 9-11 Jul 2007, Toronto, Canada.

15th European Conference on Information Systems (ECIS 2007), 7-9 Jun 2007, St-Gallen, Switzerland.

12th Americas Conference on Information Systems (AMCIS 2006), 4-6 Aug 2006, Acapulco, Mexico.

5th International Conference on Mobile Business (ICMB'06), 26-27 Jun 2006, Copenhagen, Denmark.

Helsinki Mobility Roundtable 2006, 1-2 Jun 2006, Helsinki, Finland.

39th Annual Hawaii International Conference on System Sciences (HICSS'06), 4-7 Jan 2006, Hawaii, USA.

IFIP TC8 Working Conference on Mobile Information Systems (MOBIS'05), 5-6 Dec 2005, Leeds, UK.

MICS Scientific Conference 2005, Loewenberg, 21-23 September 2005.

4th International Conference on Mobile Business (ICMB'05) 11-13 Jul 2005, Sydney, Australia.

International Workshop on Context Modeling and Decision Support (Context'05), 5 July 2005, Paris, France.

13th European Conference on Information Systems (ECIS 2005), Doctoral Consortium, 23-25 May 2005, Regensburg,

Germany.

38th Annual Hawaii International Conference on System Sciences (HICSS'05), 3-6 Jan 2005, Hawaii, USA.

IADIS International E-Commerce 2004, 14-16 Dec 2004, Lisbon, Portugal.

MICS Annual Workshop 2004, University of Zurich, July 2004.

36th Annual Hawaii International Conference on System Sciences (HICSS'03), 6-9 Jan 2003, Hawaii, USA

▸ **Affiliations and Academic Responsibilities**

Member of IEEE, IEEE Computer Society ACM and AIS