

Jan ONDRUS

Professor

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Department: Information Systems, Data Analytics
and Operations
Campus de Singapour

DIPLOMAS

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2007 Ph.D. in Information Systems
(HEC Lausanne Switzerland)

2003 MSc in Information Systems
(HEC Lausanne Switzerland)

CERTIFICATES

2011 International Teachers Program (ITP)
(Kellogg School of Management, Northwestern University United States of
America)

2009 "The Art and Craft of Discussion Leadership"
(Harvard Business Publishing France)

2018 Certification in Facilitating and Designing Workshops with the LEGO®
SERIOUS PLAY® Method
(Association of Master Trainers Denmark)

CAREER

FULL-TIME ACADEMIC APPOINTMENTS

2007 - 2015-08-31 Assistant Professor (ESSEC Business School Singapore)

2015 - 2024-08-31 Associate Professor (ESSEC Business School Singapore)

2024 - Now Professor (ESSEC Business School France)

OTHER APPOINTMENTS

- 2018 - 2022-08-31 Associate Dean for Essec Asia-Pacific (ESSEC Business School Singapore)
- 2009 - 2016-09-01 Research Director - Chair Media & Entertainment/Digital (ESSEC Business School France)
- 2015 - 2019-09-01 Director of Research - Center of Excellence in Digital Business (ESSEC Business School France)
- 2007 - 2007-04-30 Visiting Research Professor (Sungkyunkwan University South Korea)
- 2016 - 2016-05-30 Visiting Fellow (Korea Development Institute (KDI) South Korea)

OTHER ACADEMIC APPOINTMENTS

- 2015 - 2018-12-01 Chaired Professor of the Chair of Networked Business Models (ESSEC Business School France)
- 2020 - 2021-08-31 Associate academic director GLOBAL MBA (ESSEC Business School France)
- 2016 - 2020-08-30 Track Coordinator - Digital Business and Innovation - GLOBAL MBA (ESSEC Business School France)
- 2008 - 2009-10-01 Guest lecturer (Universität Mannheim Germany)
- 2012 - 2013-01-10 Visiting Professor (HEC Lausanne Switzerland)
- 2013 - 2014-04-30 Visiting Scholar (Case Western Reserve University. Weatherhead School of Management United States of America)
- 2014 - 2014-07-30 Visiting Assistant Professor (Seoul National University South Korea)
- 2016 - 2016-04-01 Visiting Scholar (Seoul National University South Korea)
- 2021 - 2026-08-31 Chaired Professor - Digital Disruption (ESSEC Business School France)

PUBLICATIONS

CONFERENCE PROCEEDINGS

- [ONDRUS, J., GANNAMANENI, A. et LYYTINEN, K. \(2015\). A Post-Failure Analysis of Mobile Payment Platforms. Dans: *Proceedings of the 48th Hawai'i International Conference on Systems Sciences \(HICSS-48\)*. University of Hawaii.](#)
- [ONDRUS, J. et PIGNEUR, Y. \(2009\). C-K Design Theory for Information Systems Research. Dans: *Proceedings of the 4th International Conference on Design Science Research in Information Systems and Technology*. Association for Computing Machinery \(ACM\).](#)
- [ONDRUS, J. \(2015\). Clashing over the NFC Secure Element for Platform Leadership in the Mobile Payment Ecosystem. Dans: *Proceedings of the 17th International Conference on Electronic Commerce: Application of Big Data in E-Commerce*. Seoul National University.](#)
- [HOLZER, A. et ONDRUS, J. \(2012\). Mobile App Development: Native or Web? Dans: *Proceedings of the Eleventh Workshop on E-Business \(WEB 2012\)*. Association for Information Systems \(AIS\).](#)
- [GAUR, A., AVISON, D. et ONDRUS, J. \(2013\). Mobile Merchandising Exploring New Business Practices in the Mobile Payment Ecosystem. Dans: *3rd Biennial Conference of the Indian Academy of Management \(IAM\)*. Indian Academy of Management \(IAM\).](#)
- [ONDRUS, J. et LYYTINEN, K. \(2011\). Mobile Payments Market: Towards Another Clash of the Titans? Dans: *Proceedings of the 10th International Conference on Mobile Business \(ICMB\)*. Politecnico di Milano.](#)
- [SARKER, S., SARKER, S., ONDRUS, J., JANA, D. et AHUJA, M. \(2011\). The Role of Individual, Family-Related, and Organizational Factors in Shaping WLC in Offshoring Contexts: A Study of European and Indian IT Professionals. Dans: *PACIS 2011 Proceedings*. Association for Information Systems \(AIS\).](#)
- [ONDRUS, J. et PIGNEUR, Y. \(2004\). Coupling Mobile Payments and CRM in the Retail Industry. Dans: . Lisbon: IADIS.](#)
- [ONDRUS, J., PIGNEUR, Y. et CAMPONOVO, G. \(2005\). Environmental Context Significance in Strategic Decision Support. Dans: *Context'05*. Paris: CEUR-WS.org.](#)
- [BUI, T. et ONDRUS, J. \(2003\). M-Computing for Real-Time Negotiation Support. Dans: *HICSS'03*. Hawaii: IEEE Computer Society.](#)
- [ONDRUS, J. et PIGNEUR, Y. \(2005\). A Disruption Analysis in the Mobile Payment Market. Dans: *HICSS'05*. Hawaii: IEEE Computer Society.](#)
- [ONDRUS, J., PIGNEUR, Y. et CAMPONOVO, G. \(2005\). A Proposal for a Multi-Perspective Analysis of the Mobile Payments Environment. Dans: *ICMB'05*. Sydney: IEEE Computer Society.](#)
- [ONDRUS, J., PIGNEUR, Y. et MONZANI, J.S. \(2006\). A GDSS for Visualizing and Assessing a Technology Environment. Dans: *AMCIS'06*. Acapulco: AIS Educator Journal.](#)
- [ONDRUS, J. et PIGNEUR, Y. \(2006\). A Systematic Approach to Explain the Delayed Deployment of](#)

[Mobile Payments in Switzerland. Dans: ICMB'06. Copenhagen: IEEE Computer Society.](#)

[ONDRUS, J., DAHLBERG, T., MALLAT, N. et ZMIJEWSKA, A. \(2006\). Mobile Payment Market and Research : Past, Present and Future. Dans: MRT'06. Helsinki: Helsinki School of Economics.](#)

[ONDRUS, J. et PIGNEUR, Y. \(2007\). An Assessment of NFC for Future Payments Systems. Dans: ICMB'07. Toronto: IEEE Computer Society.](#)

[GASPOZ, C., ONDRUS, J. et PIGNEUR, Y. \(2008\). Comparison of Multi-criteria and Prediction Market Approaches for Technology Foresight. Dans: Proceedings of the 13rd AIM Congress, Paris 2008 \(pre-ICIS Workshop 2008\). Association for Information Management \(AIM\).](#)

[DONGYEOB KIM, D., TAN, B., TER CHIAN TAN, F., ONDRUS, J. et OH, J. \(2017\). IS Capabilities in the Development of an Innovation Ecosystem: A Case Study of the Hallyu \(Korean Wave\) Phenomenon. Dans: Proceedings of the Thirty-Eighth International Conference on Information Systems \(ICIS\). Seoul National University.](#)

[HOLZER, A., GOVAERTS, S., ONDRUS, J., VOZNIUK, A., RIGAUD, D. et GARBINATO, B. \(2013\). SpeakUp – A Mobile App Facilitating Audience Interaction. Dans: 12th International Conference on Web-based Learning \(ICWL 2013\). Tajen University.](#)

[ELIE-DIT-COSAQUE, C. et ONDRUS, J. \(2011\). Towards a Better Understanding of Personal Productivity in the Context of Information Technology Use. Dans: Actes du Colloque AIM 2011. Association for Information Management \(AIM\).](#)

[SCHIRRMACHER, N.B., ONDRUS, J. et TER CHIAN TAN, F. \(2018\). Towards a Response to Ransomware: Examining Digital Capabilities of the WannaCry Attack. Dans: 22nd Pacific Asia Conference on Information Systems \(PACIS\) 2018. Association for Information Systems \(AIS\).](#)

[HOLZER, A. et ONDRUS, J. \(2009\). Trends in Mobile Application Development. Dans: The Mobilware 2009 Workshop Proceedings. Springer.](#)

[ONDRUS, J., LYYTINEN, K. et PIGNEUR, Y. \(2009\). Why Mobile Payment Fail? Towards a Dynamic and Multi-perspective Explanation. Dans: Proceedings of the 42nd Hawaii International Conference on System Sciences. Institute of Electrical and Electronics Engineers \(IEEE\).](#)

[ONDRUS, J., PIGNEUR, Y. et PIGNEUR, Y. \(2005\). A Multi-actor, Multi-criteria Approach for Technology Selection when Designing Mobile Information Systems. Dans: MOBIS'05. Leeds: Springer.](#)

[ONDRUS, J. et PIGNEUR, Y. \(2006\). A Multi-stakeholder Multi-criteria Assessment Framework of Mobile Payments: An Illustration with the Swiss Public Transportation Industry. Dans: HICSS'06. Hawaii: IEEE Computer Society.](#)

[ONDRUS, J., GASPOZ, C. et PIGNEUR, Y. \(2007\). Technology Foresight for IT Investment: Multi-Criteria Decision-Making versus Prediction Markets. Dans: 6th AIM Pre-ICIS Workshop, 8 Dec 2007. UQAM. Montreal: Association for Information Management \(AIM\).](#)

[KIM, H., TAN, F.T.C., LEONG, C., KIM, D.D., ONDRUS, J. et TAN, B. \(2018\). Value Co-creation in Digital Content Ecosystems: A Study of Hallyu. Dans: *Proceedings of the Thirty Ninth International Conference on Information Systems \(ICIS 2018\)*. Association for Information Systems \(AIS\).](#)

[SCHIRRMACHER, N.B., ONDRUS, J., TAN, F.T.C., LOH, Y. et HARDOON, D.R. \(2019\). Overcoming Status Quo Bias: Nudging in a Government-Led Digital Transformation Initiative. Dans: *Proceedings of the Fortieth International Conference on Information Systems \(ICIS 2019\)*. Munich: Association for Information Systems \(AIS\).](#)

[TAN, F.T.C., ONDRUS, J., KATO, T. et TAN, B. \(2020\). Digital Transformation and the Socially Reclusive: A Study of ICT and the Hikikomori in Japan. Dans: *Proceedings of the 24nd Pacific Asia Conference on Information Systems \(PACIS 2020\)*. Dubai: Association for Information Systems \(AIS\).](#)

[PARK, H.E., ONDRUS, J., TAN, B., TAN, F.T.C. et KATO, T. \(2020\). Hikikomori and Technology-Enabled Escapism: An Affordances and Constraints Perspective. Dans: *Proceedings of the Forty First International Conference on Information Systems \(ICIS 2020\)*. Hyderabad: Association for Information Systems \(AIS\).](#)

[WIESCHE, M., SCHREIECK, M., ONDRUS, J. et KRUMHOLTZ, H. \(2021\). Building Blocks of Digital Platform Ecosystems and Their Implications for Inter-Platform Governance. Dans: *Academy of Management Proceedings*. Academy of Management.](#)

[BERNEY, M., ONDRUS, J. et HOLZER, A. \(2023\). Influencing the Influencers? The Case of @CelebJets and the Role of Social Media in Empowering Citizens to Conduct Climate Justice Activism. Dans: *29th Annual Americas Conference on Information Systems, AMCIS 2023: Diving into Uncharted Waters*. Panama: Association for Information Systems \(AIS\), pp. 1370.](#)

[BERNEY, M., ONDRUS, J. et HOLZER, A. \(2024\). Navigating the Shadows of Cyber Vigilantism: A Preliminary Analysis of Social Dynamics and Activities of Scambaiting. Dans: *Conference on Human Factors in Computing Systems - Proceedings*, art. no. 251. Honolulu: Association for Computing Machinery \(ACM\), pp. 1-6.](#)

JOURNAL ARTICLES

[DAHLBERG, T., MALLAT, N., ONDRUS, J. et ZMIJEWSKA, A. \(2008\). Past, Present and Future of Mobile Payments Research - A Literature Review. *Electronic Commerce Research and Applications*, 7\(2\), pp. 165-181.](#)

[ONDRUS, J., GANNAMANENI, A. et LYYTINEN, K. \(2015\). The Impact of Openness on the Market Potential of Multi-Sided Platforms: A Case Study of Mobile Payment Platforms. *Journal of Information Technology*, 30\(2\), pp. 260-275.](#)

[GLADY, N. et ONDRUS, J. \(2016\). Lancer sa plateforme web: les 3 erreurs à éviter. *Harvard Business Review \(France\)*, \(HS\), pp. 94-95.](#)

[HOLZER, A. et ONDRUS, J. \(2011\). Mobile Application Market: A Developer's Perspective. *Telematics and Informatics*, 28\(1\), pp. 22-31.](#)

[PHANG, C.W., SUTANTO, J., TAN, C.H. et ONDRUS, J. \(2014\). Mobile Social Networking Application Viability: A Research Framework. *International Journal of Accounting and Information Management*, 22\(4\), pp. 321-338.](#)

[ONDRUS, J. et PIGNEUR, Y. \(2009\). Near Field Communication: An Assessment for Future Payment Systems. *Information Systems and e-Business Management*, 7\(3\), pp. 347-361.](#)

[SARKER, S., CAMPBELL, D., ONDRUS, J. et VALACICH, S. \(2010\). Mapping the Need for Mobile Collaboration Technologies: A Fit Perspective. *International Journal of e-Collaboration*, 6\(4\), pp. 32-53.](#)

[DE REUVER, M. et ONDRUS, J. \(2017\). When Technological Superiority Is Not Enough: The Struggle to Impose the SIM Card as the NFC Secure Element for Mobile Payment Platforms. *Telecommunications Policy*, 41\(4\), pp. 253-262.](#)

[ONDRUS, J. et PIGNEUR, Y. \(2007\). Cross-industry Preferences for Mobile Payments Development in Switzerland. *Electronic Markets*, 17\(2\), pp. 142-152.](#)

[ONDRUS, J., BUI, T. et PIGNEUR, Y. \(2015\). A Foresight Support System Using MCDM Methods. *Group Decision and Negotiation*, 24\(2\), pp. 333-358.](#)

[DAHLBERG, T., GUO, J. et ONDRUS, J. \(2015\). A Critical Review of Mobile Payment Research. *Electronic Commerce Research and Applications*, 14\(5\), pp. 265-284.](#)

[ONDRUS, J. et PIGNEUR, Y. \(2006\). Towards A Holistic Analysis of Mobile Payments: A Multiple Perspectives Approach. *Electronic Commerce Research and Applications*, 5\(3\), pp. 246-257.](#)

[TAN, F.T.C., ONDRUS, J., TAN, B. et OH, J. \(2020\). Digital Transformation of Business Ecosystems: Evidence from the Korean Pop Industry. *Information Systems Journal*, 30\(5\), pp. 866-898.](#)

[SCHREIECK, M., ONDRUS, J., WIESCHE, M. et KRCCMAR, H. \(2024\). A typology of multi-platform integration strategies. *Information Systems Journal*, 34\(3\), pp. 828-853.](#)

[SCHREIECK, M., ONDRUS, J., WIESCHE, M. et KRCCMAR, H. \(2025\). Platform Governance for Established Companies. *California Management Review*, 67\(4\), pp. 48-74.](#)

PRESENTATIONS AT AN ACADEMIC OR PROFESSIONAL CONFERENCE

[ONDRUS, J. et GANNAMANENI, A. \(2013\). Towards a Multi-level Framework to Analyze Mobile Payment Platforms. Dans: SIGBPS Workshop on Business Processes and Services.](#)

[ONDRUS, J., LYYTINEN, K. et PIGNEUR, Y. \(2008\). Why Mobile Payments Fail? An Analysis of](#)

[the Swiss Case. Dans: Everyday Digital Money Workshop.](#)

[KIM, H., TAN, F., LEONG, C., KIM, D., ONDRUS, J. et TAN, B. \(2018\). Navigating Value Co-creation in Digital Entertainment: A Study of the “Hallyu” Business Ecosystem. Dans: 39th International Conference on Information Systems \(ICIS\).](#)

[SCHIRRMACHER, N.B., ONDRUS, J., HARDOON, D.R. et AI-CHI LOH, Y. \(2019\). Overcoming Status Quo Bias: Nudging in a Government-Led Digital Transformation Initiative. Dans: 2019 International Conference on Information Systems \(ICIS\).](#)

[GAUR, A. et ONDRUS, J. \(2012\). The Role of Banks in the Mobile Payment Ecosystem: A Strategic Asset Perspective. Dans: 14th Annual International Conference On Electronic Commerce \(ICEC 2012\).](#)

BOOK CHAPTERS

[ONDRUS, J., BUI, T. et BUI, T. \(2005\). A Multi-Actor, Multi-Criteria Approach for Technology Selection When Designing Mobile Information Systems. Dans: *Mobile Information Systems II*. 1st ed. New York: Springer, pp. 271-278.](#)

[REMY, S., KOLOKOTSA, J., ONDRUS, J., EL OUARZAZI, Y. et GLADY, N. \(2021\). Purposeful Ecosystem Orchestration. Dans: Colin Mayer, Bruno Roche eds. *Putting Purpose into Practice: The Economics of Mutuality*. 1st ed. Oxford: Oxford University Press, pp. 98-112.](#)

RESEARCH ACTIVITIES

Reviewer for a journal

- Reviewer for Electronic Commerce Research and Applications
- European Journal of Information Systems
- Group Decision and Negotiation
- IEEE Transactions on Engineering Management
- Info
- Information Systems and e-Business Management
- Information Systems Journal
- Information Systems Research
- Information Technology and Management
- Journal of Information Technology Case and Application Research
- Journal of Organizational Computing and Electronic Commerce
- Telecommunications Policy

Participation in scientific commissions or reviewer for a conference

- 2008 - 2008: Reviewer for AIM – Colloque de l'Association Information et Management
- 2006 - 2012: Reviewer for AMCIS – Americas Conference on Information Systems (2006, 2007, 2008, 2012)
- 2004 - 2007: Reviewer for Bled Electronic Commerce Conference (2004, 2005, 2006, 2007)
- 2011 - 2011: Reviewer for DIGIT 2011 (Pre-ICIS workshop of The SIG on the Adoption and Diffusion of Information Technology)
- 2006 - 2016: Reviewer for ECIS – European Conference on Information Systems (2006, 2007, 2008, 2012, 2013, 2014, 2015, 2016)
- 2004 - 2004: Reviewer for EEE – IEEE International Conference on e-Technology, e-Commerce, and e-Service (2004)
- 2004 - 2004: Reviewer for EMOI/ CAiSE – Workshop on Enterprise Modeling and Ontologies for Interoperability (2004)
- 2004 - 2019: Reviewer for HICSS – Hawaii International Conference on System Sciences (2004, 2006, 2010, 2011, 2012, 2013, 2015, 2016, 2019)
- 2011 - 2014: Reviewer for ICEC – International Conference on Electronic Commerce (2011, 2012, 2013, 2014)
- 2007 - 2018: Reviewer for ICIS – International Conference on Information Systems (2007, 2008, 2010, 2013, 2017, 2018)
- 2006 - 2014: Reviewer for ICMB – International Conference on Mobile Business (2006, 2007, 2008, 2012, 2014)
- 2004 - 2005: Reviewer for INFORSID (2004, 2005)
- 2005 - 2005: Reviewer for International Workshop on Context Modeling and Decision Support (Context 2005)
- 2011 - 2011: Reviewer for ISSC – International Smart Sourcing Conference (2011)
- 2011 - 2018: Reviewer for PACIS – Pacific Asia Conference on Information Systems (2011, 2012, 2014, 2018)
- 2005 - 2005: Reviewer for Pre-ICIS Academic Workshop AIM (2005)
- 2009 - 2011: Reviewer for WeB – Workshop on eBusiness – Pre-ICIS event (2009, 2011)
- 2011 - 2011: Reviewer for WI – International Conference on Wirtschaftsinformatik (2011)
- 2014 - 2014: Member of Scientific Committee of The Organizations, Artifacts and Practices (OAP) Workshop, 2014, Roma (Italy)
- 2012 - 2012: Member of Scientific Committee of The Organizations, Artifacts and Practices (OAP) Workshop, 2012, Paris (France)
- 2009 - 2009: Member of Scientific Committee of Colloque de l'Association Information et Management (AIM 2009), Marrakech, Maroc
- 2008 - 2008: Member of Scientific Committee of Colloque de l'Association Information et Management (AIM 2008), Paris (France)
- 2020 - Now: Member of Scientific Committee of EMOI-INTEROP / CAISE (2005), Porto, Portugal
- 2016 - 2016: Member of Program Committee of International Conference on Electronic Commerce (ICEC), 2016, Seoul (South Korea)
- 2015 - 2015: Member of Program Committee of International Conference on Electronic Commerce (ICEC), 2015, Seoul
- 2014 - 2014: Member of Program Committee of International Conference on Mobile Business (ICMB), 2014, London

- 2013 - 2013: Member of Program Committee of International Conference on Electronic Commerce (ICEC), 2013, Turku
- 2013 - 2013: Member of program committee of International Conference on Web Information Systems and Technologies (WEBIST) 2013, Aachen (Germany)
- 2012 - 2012: Member of Program Committee of International Conference on Electronic Commerce (ICEC), 2012
- 2012 - 2012: Member of program committee of Pacific Asia Conference on Information Systems (PACIS), 2012, Ho Chi Minh city (Vietnam)
- 2012 - 2013: International Conference on Mobile Business (ICMB 2012), Delft (Netherlands)
- 2011 - 2011: Member of program committee of International Conference on Electronic Commerce (ICEC), 2011, Liverpool
- 2011 - 2011: Member of program committee of International Conference on Mobile Business (ICMB 2011), Como (Italy)
- 2010 - 2010: Member of program committee of International Conference on Electronic Commerce (ICEC 2010), Honolulu (United States of America)
- 2010 - 2010: Member of program committee of International Conference on Mobile Business (ICMB 2010), Athens (Greece)

Other academic activity

- 2016 - 2016: Organizing chair, AOM Caucus – Business Model Innovation in the Knowledge Economy: From Linear Value Chain to Ecosystem, 2016, Anaheim (United States of America)
- 2015 - 2015: Organizing Chair, International Conference on Mobile Business (ICMB), 2015, Fort Worth (United States of America)
- 2012 - 2012: Organizing chair of International Cashless Society Roundtable (ICSR), 2012, Copenhagen (Denmark)
- 2013 - 2013: Program chair, International Conference on Mobile Business (ICMB), 2013, Berlin (Germany)
- 2020 - 2020: Track Chair, Pacific Asia Conference on Information Systems (PACIS), 2020, Dubai (IT Strategy, Leadership and Governance track) (United Arab Emirates)
- 2016 - 2016: Track chair, International Conference on Information Systems (ICIS), 2016, Dublin (E-Biz and E-Gov track) (Ireland)
- 2012 - 2012: Track chair, International Conference on Electronic Commerce (ICEC), 2012 (Mobile Payment track) (Singapore)
- 2012 - 2012: Track chair, International Conference on Mobile Business (ICMB 2012), Delft (Business Application track) (Netherlands)
- 2010 - 2010: Track chair, International Conference on Electronic Commerce (ICEC 2010), Honolulu (Mobile Commerce track) (United States of America)
- 2010 - 2010: Panel chair, International Conference on Mobile Business (ICMB 2012), Delft (Netherlands)
- 2021 - 2021: Track Chair, International Conference on Information Systems (ICIS), 2021, Austin, USA, December (Sharing Economy, Platforms, and Crowds track) (United States of America)

Senior or Associate Editor

2015 - 2016: Associate editor - Electronic Commerce Research and Applications
2011 - 2018: Associate editor - Information Systems Journal
2015 - 2020: Associate Editor - Electronic Commerce Research and Applications
2022 - Now: Guest Associate Editor for Special Issue "Digital Platforms and Ecosystems"

Other editorial activity

2009 - 2012: Special issues editor - Information Systems Journal

Editorial Board Membership

2010 - 2018: Editorial board membership - Journal of Information Technology Case and Application Research