Jan ONDRUS
Professeur

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Département: Systèmes d'Information, Data
Analytics et Opérations
Campus de Singapour

DIPLÔMES

DIPLÔMES

| 2007 | Ph.D. en Systèmes d'Information (HEC Lausanne Suisse) |
| 2003 | MSc en Systèmes d'Information (HEC Lausanne Suisse) |

CERTIFICATS

2011	International Teachers Program (ITP) (Kellogg School of Management, Northwestern University États-Unis)
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 Danemark)

CARRIÈRE

POSITIONS ACADÉMIQUES PRINCIPALES

2007 - 2015-08-31	Professeur assistant (ESSEC Business School Singapour)
2015 - 2024-08-31	Professeur associé (ESSEC Business School Singapour)
2024 - Présent	Professeur (ESSEC Business School France)

AUTRES POSITIONS

2018 - 2022-08-31 Doyen Associé en charge d'Essec Asia-Pacific (ESSEC Business School Singapour)

2009 - 2016-09-01 Directeur de la recherche - Chaire Media & Entertainment/Digital (ESSEC Business School France)

2015 - 2019-09-01 Directeur de la recherche - Centre d'Excellence en Digital Business (ESSEC Business School France)

2007 - 2007-04-30 Professeur chercheur visitant (Sungkyunkwan University Corée du Sud)

2016 - 2016-05-30 Chercheur invité (Korea Development Institute (KDI) Corée du Sud)

AUTRES POSITIONS ACADÉMIQUES

2015 - 2018-12-01 Professeur titulaire de la chaire "Networked Business Models" (ESSEC Business School France)

2020 - 2021-08-31 Directeur académique associé GLOBAL MBA (ESSEC Business School France)

2016 - 2020-08-30 Coordinateur de filière - Digital Business and Innovation - GLOBAL MBA (ESSEC Business School France)

2008 - 2009-10-01 Enseignant invité (Universität Mannheim Allemagne)

2012 - 2013-01-10 Professeur visitant (HEC Lausanne Suisse)

2013 - 2014-04-30 Chercheur invité (Case Western Reserve University. Weatherhead School of Management États-Unis)

2014 - 2014-07-30 Professeur assistant visitant (Seoul National University Corée du Sud)

2016 - 2016-04-01 Chercheur invité (Seoul National University Corée du Sud)

2021 - 2026-08-31 Responsable de chaire - Digital Disruption (ESSEC Business School France)

PUBLICATIONS

ARTICLES

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.

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.

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.

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.

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

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.

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

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

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 KRCMAR, H. (2024). A typology of multi-platform

integration strategies. *Information Systems Journal*, 34(3), pp. 828-853.

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

ACTES D'UNE CONFÉRENCE

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.

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.

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. 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.

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 Uniiversity.

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).

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 Confererence 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 KRCMAR, 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.

COMMUNICATIONS DANS UNE CONFÉRENCE

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).

CHAPITRES

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.

ACTIVITÉS DE RECHERCHE

Reviewer pour un journal

- Relecteur pour 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 au comité scientifique d'une conférence ou reviewer pour une conférence

2008 - 2008:   Relecteur pour AIM – Colloque de l ?Association Information et Management

2006 - 2012:   Relecteur pour AMCIS – Americas Conference on Information Systems (2006, 2007, 2008, 2012)

2004 - 2007:   Relecteur pour Bled Electronic Commerce Conference (2004, 2005, 2006, 2007)

2011 - 2011:   Relecteur pour DIGIT 2011 (Pre-ICIS workshop of The SIG on the Adoption and Diffusion of Information Technology)

2006 - 2016:   Relecteur pour ECIS – European Conference on Information Systems (2006, 2007, 2008, 2012, 2013, 2014, 2015, 2016)

2004 - 2004:   Relecteur pour EEE – IEEE International Conference on e-Technology, e-Commerce, and e-Service (2004)

2004 - 2004:   Relecteur pour EMOI/ CAiSE – Workshop on Enterprise Modeling and Ontologies for Interoperability (2004)

2004 - 2019:   Relecteur pour HICSS – Hawaii International Conference on System Sciences (2004, 2006, 2010, 2011, 2012, 2013, 2015, 2016, 2019)

2011 - 2014:   Relecteur pour ICEC – International Conference on Electronic Commerce (2011, 2012, 2013, 2014)

2007 - 2018:   Relecteur pour ICIS – International Conference on Information Systems (2007, 2008, 2010, 2013, 2017, 2018)

2006 - 2014:   Relecteur pour ICMB – International Conference on Mobile Business (2006, 2007, 2008, 2012, 2014)

2004 - 2005:   Relecteur pour INFORSID (2004, 2005)

2005 - 2005:   Relecteur pour International Workshop on Context Modeling and Decision Support (Context 2005)

2011 - 2011:   Relecteur pour ISSC – International Smart Sourcing Conference (2011)

2011 - 2018:   Relecteur pour PACIS – Pacific Asia Conference on Information Systems (2011, 2012, 2014, 2018)

2005 - 2005:   Relecteur pour Pre-ICIS Academic Workshop AIM (2005)

2009 - 2011:   Relecteur pour WeB – Workshop on eBusiness – Pre-ICIS event (2009, 2011)

2011 - 2011:   Relecteur pour WI – International Conference on Wirtschaftsinformatik (2011)

2014 - 2014:   Membre du Comité Scientifique de The Organizations, Artifacts and Practices (OAP) Workshop, 2014, Rome (Italie)

2012 - 2012:   Membre du Comité Scientifique de The Organizations, Artifacts and Practices (OAP) Workshop, 2012, Paris (France)

2009 - 2009:   Membre du Comité Scientifique de Colloque de l'Association Information et Management (AIM 2009), Marrakech, Maroc

2008 - 2008:   Membre du Comité Scientifique de Colloque de l'Association Information et Management (AIM 2008), Paris (France)

2020 - Présent: Membre du Comité Scientifique de EMOI-INTEROP / CAISE (2005), Porto, Portugal

2016 - 2016:   Membre du Comité de Programme de l'International Conference on Electronic Commerce (ICEC), 2016, Seoul (Corée du Sud)

2015 - 2015:   Membre du Comité de Programme de l'International Conference on Electronic Commerce (ICEC), 2015, Seoul

2014 - 2014:	Membre du Comité de Programme de l'International Conference on Mobile Business (ICMB), 2014, Londres
2013 - 2013:	Membre du Comité de Programme de l'International Conference on Electronic Commerce (ICEC), 2013, Turku
2013 - 2013:	Membre du Comité de Programme de l'International Conference on Web Information Systems and Technologies (WEBIST) 2013, Aix-la-Chapelle (Allemagne)
2012 - 2012:	Membre du Comité de Programme de l'International Conference on Electronic Commerce (ICEC), 2012
2012 - 2012:	Membre du Comité de Programme de la Pacific Asia Conference on Information Systems (PACIS), 2012, Ho Chi Minh city (Viêt Nam)
2012 - 2013:	International Conference on Mobile Business (ICMB 2012), Delft (Pays-Bas)
2011 - 2011:	Membre du Comité de Programme de l'International Conference on Electronic Commerce (ICEC), 2011, Liverpool
2011 - 2011:	Membre du Comité de Programme de l'International Conference on Mobile Business (ICMB 2011), Como (Italie)
2010 - 2010:	Membre du Comité de Programme de l'International Conference on Electronic Commerce (ICEC 2010), Honolulu (États-Unis)
2010 - 2010:	Membre du Comité de Programme de l'International Conference on Mobile Business (ICMB 2010), Athènes (Grèce)

Autre activité académique

2016 - 2016:	Président organisateur, AOM Caucus – Business Model Innovation in the Knowledge Economy: From Linear Value Chain to Ecosystem, 2016, Anaheim (États-Unis)
2015 - 2015:	Président organisateur, International Conference on Mobile Business (ICMB), 2015, Fort Worth (États-Unis)
2012 - 2012:	Président organisateur de l'International Cashless Society Roundtable (ICSR), 2012, Copenhague (Danemark)
2013 - 2013:	Président du Programme, International Conference on Mobile Business (ICMB), 2013, Berlin (Allemagne)
2020 - 2020:	Président de thématique, Pacific Asia Conference on Information Systems (PACIS), 2020, Dubai (thématique IT Strategy, Leadership and Governance) (Émirats arabes unis)
2016 - 2016:	Président de Thématique, International Conference on Information Systems (ICIS), 2016, Dublin (thématique e-Biz and E-Gov) (Irlande)
2012 - 2012:	Président de Thématique, International Conference on Electronic Commerce (ICEC), 2012 (thématique Mobile Payment) (Singapour)
2012 - 2012:	Président de Thématique, International Conference on Mobile Business (ICMB 2012), Delft (thématique Business Application) (Pays-Bas)
2010 - 2010:	Président de Thématique, International Conference on Electronic Commerce (ICEC 2010), Honolulu (thématique Mobile Commerce) (États-Unis)
2010 - 2010:	Président du Panel, International Conference on Mobile Business (ICMB 2012), Delft (Pays-Bas)
2021 - 2021:	Track Chair, International Conference on Information Systems (ICIS), 2021, Austin, USA, December (Sharing Economy, Platforms, and Crowds track) (

États-Unis)

Co-direction d'une revue - Co-rédacteur en chef
2015 - 2016:   Co-Rédacteur en chef - Electronic Commerce Research and Applications
2011 - 2018:   Co-Rédacteur en chef - Information Systems Journal
2015 - 2020:   Rédacteur Associé - Electronic Commerce Research and Applications
2022 - Présent: Guest Associate Editor for Special Issue "Digital Platforms and Ecosystems"

Autre activité éditoriale
2009 - 2012:   Special issues editor - Information Systems Journal

Membre d'un comité de lecture
2010 - 2018:   Membre du comité de lecture - Journal of Information Technology Case and Application Research