



Frank GOETHALS

Ph.D. in Applied Economics

Full Professor, Management of Information Systems

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EDUCATION

2006 Ph.D. in Applied Economics, KU Leuven, Belgium

PROFESSIONAL CERTIFICATION

2003 Federal Enterprise Architect Certificate, FEAC, USA

RESEARCH INTERESTS

IS adoption and resistance, Trends in new technologies

PROFESSIONAL EXPERIENCE

ACADEMIC:

2017 - 2021 Head of Department, IÉSEG School of Management, France

2007 - Present Visiting professor, KU Leuven, Kortrijk, Belgium

2007 - 2007 Post Doctoral Researcher (BOF grant), KU Leuven, Leuven, Belgium

2006 - 2008 Visiting Professor, KU Brussel

PROFESSIONAL:

2004 - 2011 Webmaster, Vlamvo, Vlamertinge, Belgium

COURSES TAUGHT

- Competences bureautiques 1796, Grande ecole (bachelor cycle)
- Advanced excel 1803, Grande ecole (bachelor cycle)
- Information systems for the fashion industry, Msc in fashion management
- Mis strategy and company observation, Grande ecole (master cycle)

- Trends in digital innovations, Grande ecole (master cycle)
- Trends in digital innovations, Msc in international business
- Bestuurlijke informatiesystemen
- Introduction to information systems
- Management of information systems
- Excel seminar, Post graduate program
- Grondslagen van de beleidsinformatica
- E-procurement, Grande ecole (master cycle)
- Ops and mis research seminar, Grande ecole (master cycle)
- Management of information systems, Grande ecole (bachelor cycle)

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

- Goethals F., Ziegelmayer J. L., (2024), The greening of IT use: The impact of environmental concerns on the use of internet systems, *Information Technology and People*, 37(1), pp. 356-373
- Goethals F., Ziegelmayer J. L., (2022), Anxiety Buffers and the Threat of Extreme Automation: A Terror Management Theory Perspective, *Information Technology and People*, 35(1), pp. 96-118
- Goethals F., (2017), Exploring the Choice for Default Systems, *International Journal of Technology and Human Interaction*, 13(1), pp. 21-38
- Li L., Goethals F., Baesens B., Snoeck M., (2017), Predicting software revision outcomes on GitHub using structural holes theory, *Computer Networks*, 114, pp. 114-124
- Verbraken T., Goethals F., Verbeke W., Baesens B., (2014), Predicting online channel acceptance using social network data, *Decision Support Systems*, 63, pp. 104-114
- Giangreco A., Goethals F., Maes J., (2013), An Exploration of the Research/Teaching Trade-off in the Perception of Business Students, *European Management Review*, 10(2), pp. 69-81
- Dejaeger K., Goethals F., Giangreco A., Mola L., Baesens B., (2012), Gaining insight into student satisfaction using comprehensible data mining techniques, *European Journal of Operational Research*, 218(2), pp. 548-562
- Goethals F., Leclercq A., Tütüncü Y., (2012), French consumer's perceptions of the unattended delivery model for e-grocery retailing, *Journal of Retailing and Consumer Services*, 19(1), pp. 133-139
- Goethals F., (2011), Mindfully innovating your business model, *Gestion 2000*, 28(5), pp. 47-61
- Goethals F., Snoeck M., Lemahieu W., (2011), Options in inter-organizational systems integration, *Systèmes d'Information et Management*, 16(3), pp. 81-114
- Goethals F., Carugati A., Leclercq A., (2009), Differences in e-Commerce Behavior between Neighboring Countries, *Database for advances in information systems*, 40(4), pp. 88-116
- Goethals F., Leclercq A., Carugati A., (2009), On the unexpected differences in media usage in purchasing in France and in Flanders, *Systèmes d'Information et Management*, 1(14), pp. 37-74

Goethals F., (2008), Important Issues for Evaluating Inter-organizational Data Integration Configurations, *Electronic Journal of Information Systems Evaluation*, 11(3), pp. 185-196

Goethals F., Lemahieu W., Snoeck M., Vandenbulcke J., (2007), The Data Building Blocks of the Enterprise Architect, *Future Generation Computer Systems*, 23(2), pp. 269-274

Goethals F., Lemahieu W., Snoeck M., Vandenbulcke J., (2006), Management and Enterprise Architecture Click, *Information Systems Frontiers*, 8(2), pp. 67-79

Goethals F., Lemahieu W., Snoeck M., (2005), Different flavours of B2B Web services development, *Tijdschrift voor Economie en Management*, 50(4), pp. 665-680

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., Cumps B., (2005), Two Basic Types of Business-to-Business integration, *International Journal of E-Business Research*, 1(1), pp. 1-15

Lemahieu W., Snoeck M., Goethals F., De Backer M., Haesen R., Dedene G., Vandenbulcke J., (2005), Coordinating COTS applications by means of a Business Event layer - Incorporating COTS into the Development Process, *IEEE Software*, 22(4), pp. 28-35

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., Cumps B., (2004), Extended Enterprise Architecture with the FADEE, *Journal of Information and Organizational Sciences*, 28(1-2), pp. 49-66

Snoeck M., Lemahieu W., Goethals F., Dedene G., Vandenbulcke J., (2004), Events as Atomic Contracts for Application Integration, *Data & Knowledge Engineering*, 5(1), pp. 81-107

Papers in non-refereed journals

Published

Loquineau O., Caplan A., ToumazEAU K., Zanetto C., Billiot M., Goethals F., (2011), On the intention to use an online learning platform feature, *The Scientific Journal of Riga Technical University*, 46, pp. 92-98

Communications in refereed conferences

International

Goethals F., (2021), *Ecological Motives to Motivate OTT Video Streaming Subscribers to Reduce Video Quality 2021* International Conference on Digital Science (DSIC 2021), online conference - Protaras, Cyprus

Bouten L., Goethals F., (2018), *On the role of the Registered Cash Register as a material carrier of the emerging "entrepreneurial" logic in the Belgian restaurant sector.* International Congress on Social and Environmental Accounting (CSEAR), St.Andrews, United Kingdom

Goethals F., (2016), *Terror Management when Machines can take over Jobs* Pre-ICIS CNOW workshop, Dublin, Ireland

Goethals F., (2013), *Business Model Component Innovation by applying TRIZ to IT* Pre-ICIS itAIS conference, Milan, Italy

Li L., Goethals F., Baesens B., (2013), *Predicting e-commerce adoption using a profile similarity network* Workshop on e-Business, Chicago, USA

Li L., Goethals F., Baesens B., (2013), *Predicting e-commerce adoption using data about product search and supplier search behavior* ICEB, Singapore, Singapore

Li L., Goethals F., Giangreco A., Baesens B., (2013), *Using social network data to predict technology acceptance* ICIS, Milan, Italy

Giangreco A., Maes J., Goethals F., (2012), *Experienced teacher and/or established researcher: an analysis of what type of instructors business students prefer* 12th European Academy of Management - EURAM Conference, Rotterdam, Netherlands

Goethals F., Addas S., Fagnot I., (2012), *Communication about Planned Obsolescence as an Atypical Two-sided Message* 18th Americas Conference on Information Systems, Washington, USA

Goethals F., Addas S., Fagnot I., (2012), *Two-Sided Messages about Planned Obsolescence Lower the Intent to Buy* Pre-ICIS Workshop on E-Business, Orlando, USA

Leroy P., Defert C., Hocquet A., Goethals F., Maes J., (2012), *Antecedents of willingness to share information on Enterprise Social Networks* itAIS Conference, Rome, Italy

Goethals F., Giangreco A., Carugati A., (2011), *A new view on social networks and perceived usefulness in Online Learning Platform acceptance* AIS SIG-ED IAIM 2011 Conference, Shanghai, China

Loquineau O., Zanetto C., Caplan A., Billiot M., ToumazEAU K., Goethals F., (2011), *Using antecedents of Offline Training Satisfaction to explain the Intention to Use Online Learning Platforms* 2nd INTEL-EDU Workshop, Riga, Latvia

Taisne M., Goethals F., Ple L., (2011), *Antecedents of Students' Intent to Watch Online Theory Videos* as ICWL 2011, Hong Kong, China

Goethals F., Giangreco A., (2009), *Moving away from traditional elements to build trust in e-commerce* ICEB-Conference, Macau, China

Goethals F., Tütüncü Y., Lin C.-Y., Caron A., (2009), *Mindlessly following partly mindless leaders the case of RFID implementations* ICEB-Conference, Macau, China

Goethals F., Snoeck M., Lemahieu W., (2007), *Considering (de)centralization in a Web services world* Second International Conference on Internet and Web Applications and Services , Mauritius, France

Goethals F., Snoeck M., Lemahieu W., (2007), *The Business-to-Business Integration solution space* Pre-ICIS Workshop on E-Business, Montreal, Canada

Other conference and seminar presentations

International

Goethals F., Addas S., (2015), *Why we don't block 3rd party trackers: an attributional theory perspective* Pre-ICIS WISP (Workshop on Information Security and Privacy), Fort Worth, USA

Goethals F., Plé L., Taisne M., (2011), *Antecedents of students' intent to watch online theory videos as part of an Online Learning Platform* ICWL 2011 Conference (International Conference on Web-based Learning), Hong Kong, China

Goethals F., Tütüncü Y., Lin C., (2009), *Drivers for RFID implementations* 30th International Conference on Information Systems (ICIS), Phoenix, USA

Goethals F., (2007), *Inter-organizational process integration problems* Seventh International Conference on Electronic Business (ICEB), Taipei, Taiwan

Books

Published

Goethals F., (2014), *20 Trends in Digital Innovations*, 9781308367934, McGraw-Hill, Madrid, (Amazon estimate for e-book) 198 pages

Chapters in books

Published

Goethals F., (2022), *Ecological Motives to Motivate OTT Video Streaming Subscribers to Reduce Video Quality*, in: Antipova T.(Eds.), *Digital Science*, 978-3-030-93677-8, Springer, Cham, chapter 18, pp. 206-216

Leroy P., Defert C., Hocquet A., Goethals F., Maes J., (2013), *Antecedents of willingness to share information on Enterprise Social Networks* , in: Spagnoletti, P.(Eds.), *Organization change and Information Systems - working and living together in new ways* , 978-3642372278, Springer, Berlin, chapter 11, pp. 109-117

Sermanet L., Goethals F., Carugati A., Leclercq-Vandelannoitte A., (2012), *Antecedents of children's satisfaction with company websites and their links with brand awareness* , in: Belkhamza, Z., Azizi Wafa S.(Eds.), *Measuring Organizational Information Systems Success: New Technologies and Practices* , 978-1466601703, IGI Global, Hershey, PA, chapter 14, pp. 276-291

Verbraken T., Goethals F., Verbeke W., Baesens B., (2012), *Using Social Network Classifiers for Predicting E-commerce Adoption* , in: Shaw, MJ., Zhan, D., Yue, W.T.(Eds.), *E-Life: Web-Enabled Convergence of Commerce, Work, and Social Life*, 978-3-642-29872-1, Springer, Berlin, pp. 9-21

Goethals F., (2012), Perceived Social Influence in Watching Online Theory Presentations , in: Niedrite, L., Strazdina, R., Wangler, B.(Eds.), *BIR 2011 Workshops, LNBIP 106* , 978-3-642-29230-9, Springer, Berlin, pp. 130-142

Goethals F., Newlands D., (2012), Critical Issues to Consider when Evaluating Inter- Organizational Process Integration Configurations , in: Valverde R., Talla, M.R.(Eds.), *Information systems reengineering for modern business systems*, 978-1466-6015-5-0, IGI Global, Hershey, PA, chapter 5, pp. 81/98

Goethals F., Tütüncü Y., Lin C.-Y., (2011), Drivers for RFID Implementations , in: Sharman, R., Raghu, TS., Rao, HR.(Eds.), *Exploring the Grand Challenges for Next Generation E-Business*, 978-3-642-17448-3, Springer, Berlin, pp. 67-79

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., (2008), Different types of Business-to-Business Integration, in Electronic Commerce: concepts, methodologies, tools and applications, in: Becker S.A. (Eds.), *Electronic Commerce: concepts, methodologies, tools and applications* , 978-1599049434, IGI Global, Hershey, PA, chapter 76, pp. 137-151

Goethals F., Vandenbulcke J., Lemahieu W., (2008), Using Web Services in Business-to-Business integration , in: Becker S.A.(Eds.), *Electronic Commerce: concepts, methodologies, tools and applications* , 978-1599049434, IGI Global, Hershey, PA, chapter 7, pp. 1997-2020

Goethals F., Lemahieu W., Snoeck M., Vandenbulcke J., (2008), Extended Enterprise integration vs. Market B2B integration, in: Putnik G.D., Cunha M.M. (Eds.), *Encyclopedia of networked and virtual organizations*, 9781599048857, IGI Global, Hershey, PA, pp. 578-586

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., (2007), Different types of Business-to-Business Integration, in: In Lee(Eds.), *E-Business Innovation and Process Management*, 978-1599042770, IGI Global, Hershey, PA, chapter 1, pp. 1-17

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., (2006), An Overview of Enterprise Architecture Framework Deliverables, in: Ravi Kumar Jain Banda(Eds.), *Enterprise Architecture-An Introduction*, 978-8131401576, ICFAI University Press, Andhra Pradesh, chapter 5, pp. 255

Goethals F., Lemahieu W., Snoeck M., Vandenbulcke J., (2006), Dependencies between Data Decisions in the Software Process, in: Wang Q., Pfahl D., Raffo D.M., Wernick P.(Eds.), *Software process change*, 978-3-540-34199-4, Springer, Berlin, pp. 48-55

Goethals F., Vandenbulcke J., Lemahieu W., (2005), Using Web Services in Business-to-Business integration, in: Fong M.W.L.(Eds.), *E-Collaborations and Virtual Organizations*, 978-1591402855, IGI Global, Hershey, PA, chapter 3, pp. 61-97

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., (2004), Structuring the development of inter-organizational systems, in: Papazoglou M.P.; Orlowska M.A.; Jeffery K.G.(Eds.), *Web Information Systems - WISE 2004*, 3-540-23894-8, Springer, Berlin, pp. 454-465

Goethals F., Vandenbulcke J., Lemahieu W., Snoeck M., (2004), A framework for managing concurrent business and ICT development, in: Melnik G., Holz H.(Eds.), *Advances in Learning Software Organizations*, 3-540-22192-1, Springer, Berlin, pp. 131-136

Michiels C., Snoeck M., Lemahieu W., Goethals F., (2003), A Layered Architecture Sustaining Model-Driven and Event-Driven Software Development, in: Ershov A.(Eds.), *Perspectives of System Informatics*, 978-3-540-20813-6, Springer, Berlin, pp. 58-65

Lemahieu W., Snoeck M., Michiels C., Goethals F., Dedene G., Vandenbulcke J., (2003), Event Based Web Service Description and Coordination, in: Bussler C., Orlowska M.E., Yang J.(Eds.), *Web Services, E-Business, and the Semantic Web*, 978-3-540-25982-4, Springer, Berlin, pp. 120-133

Lemahieu W., Snoeck M., Michiels C., Goethals F., (2003), An Event Based Approach to Web Service Design and Interaction, in: Zhou X., Zhang Y., Orlowska M.E., (Eds.), *Web Technologies and Applications*, 3-540-02354-2, Springer, Berlin, pp. 333-340

Case studies

Goethals F., Debrulle J., Creemers S., (2024), *Automating class scheduling at AgileSchool*, *The Case Centre*, case study 924-0034-1, teaching note 924-0034-8

Goethals F., Bouten L., (2016), *Paying under the table in the restaurant sector - an application of the Protection Motivation Theory*, *The Case Centre*, case study 916-0018-1, teaching note 916-0018-8

Goethals F., (2015), *A non-IT person starting an online shop in the fashion industry - The case of Goldfish.be*, *Case Centre*, case study 915-014-1, teaching note 915-014-8

Goethals F., (2012), *Implanting RFID chips in the Baja Beach dance club*, *European Case Clearing House*, case study 912-005-1, teaching note 912-005-8

Research reports

Goethals F., (2005), *An Overview of Enterprise Architecture Framework Deliverables*, KU Leuven

Goethals F., Vandembulcke J., Lemahieu W., Snoeck M., (2004), *Extended Enterprise Architecture with the FADEE*, KU Leuven

Goethals F., (2003), *Identifying web service integration challenges*, KU Leuven

Working papers

Goethals F., Newlands D., (2009), *Important Issues for Evaluating Inter-Organizational Process Integration Configurations*, IESEG Working Paper Series 2009-MAN-04, LEM Working Paper 2009-10, IESEG

Goethals F., (2009), *The Unified Business Model Framework*, IESEG Working Paper Series 2009-MAN-03, LEM Working Paper 2009-09, IESEG

Goethals F., Carugati A., Leclercq A., (2008), *e-Commerce Behavior in different Countries*, IESEG Working Paper Series 2008-MAN-02, LEM Working Paper 2008-04, IESEG

Grants

2012 Managing consumers' online conversations, Fédération Universitaire et Polytechnique de Lille

2007 BOF-Post Doctoral Research Grant

2007 FWO Post-doctoral research grant

GRANTS AND HONORS

Award

2023 Teaching Excellence Award - Digital, IÉSEG School of Management, France

2021 Teaching Excellence Award - Master Program, IÉSEG School of Management, France

2019 Best Teacher Award, Tias Nimbas Business School, Netherlands

2016 Best Teacher Award, Tias Nimbas Business School, Netherlands

2012 Best track paper award., ItAIS conference, Unknown

2011 One of the 3 nominees for the Best Paper Award, Pre-ICIS Workshop on E-Business, Unknown

2007 Best paper award., 2nd International Conference on Internet and Web Applications and Services, Unknown

EDITORIAL ACTIVITY

Editor in an academic journal

2008 - 2010 International Journal of E-Adoption

Reviewer in an academic journal

2017 European Journal of Information Systems

2016 - 2017 Journal of Retailing and Consumer Services

- 2016 - 2019 INFORMS transactions on Education
- 2010 - 2014 European Journal of Information Systems
- 2010 - 2016 Systèmes d'Information et Management
- 2007 International Journal of e-Collaboration

PROFESSIONAL SERVICE

Associate Editor in an academic conference

- 2018 ECIS (European Conference on Information Systems), United Kingdom
- 2016 ICIS (International Conference on Information Systems), Ireland
- 2008 ICIS (International Conference on Information Systems), France

Invited Lecturer

- 2017 Inno.com MSc in Enterprise Architecture, Belgium
- 2017 Loyola College, India
- 2017 MIB at SZU, China
- 2016 MBA USB Stellenbosch, South Africa
- 2016 PICS training, Belgium
- Tias School for Business and Society, Netherlands

Keynote address

- 2017 KBC Inspiration Day - keynote, Belgium
- 2017 EROV 2030: Undertaking in 2030, Belgium
- 2016 Febelfin Academy New Year Event - Keynote, Belgium
- 2015 Inno.com Major Customer Event - Keynote, Belgium
- 2015 Battle of the Brains - Keynote, Belgium

Member of a professional group

- 2015 CoderDojo leper, Belgium

Member of an advisory board

- 2017 SERV roundtables (consequences of digitization for the Flemish economy), Belgium
- 2015 - 2021 Inno.com, Belgium

Member of the organizing committee of an academic conference

- 2015 - 2016 21st AIM Colloquium, France
- 2008 Pre-ICIS Workshop on E-Business

Moderator / Facilitator in an academic conference

2007 ICIW

Reviewer - Grant proposal related to expertise

2009 - 2013 QNRF (Qatar National Research Fund)

Reviewer for an academic conference

2022 ECIS 2022

2017 ICIS 2017, South Korea

2016 ICIS (International Conference on Information Systems), Ireland

2015 WISP (Workshop on Information Security and Privacy), USA

2015 European Conference on Information Systems

2015 ANT Conference

2013 HICSS

2013 ICIS (International Conference on Information Systems)

2012 Symposium on Applied Computing

2012 - 2018 European Conference on Information Systems

2012 EURAM European Academy of Management

2010 European Conference on Information Systems

2010 HICSS

2010 ICIS (International Conference on Information Systems)

2009 Pre-ICIS Workshop on E-Business

2008 - 2009 ICIW

2008 Americas Conference on Information Systems

2008 CAiSE

2008 European Conference on Information Systems

2008 Symposium on Applied Computing

2006 European Conference on Information Systems

2005 CAiSE

2005 - 2006 Symposium on Applied Computing

Session chair in an academic conference

2010 MCIS

Technical program committee member

2016 - 2017 ANT conference 2016, Spain

RESEARCH ACTIVITIES

COMMITTEE CHAIR

Education support manager

2020 - 2021 METIS automatic course scheduling Data Responsible, IÉSEG School of Management, France

Member of a teaching quality committee

2022 - 2022 Member of 2 TLQC workgroups, IÉSEG School of Management, France

- **2017** TLQC, IÉSEG School of Management, France

Supervision of Ph.D. Thesis:

2012 - 2015 Director, Libo Li, IÉSEG School of Management