



**Frank GOETHALS**

**Ph.D. in Applied Economics**

**Associate 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 - Present** Post Doctoral Researcher (BOF grant), KU Leuven, Leuven, Belgium

**2006 - 2008** Visiting Professor, KU Brussel

### **PROFESSIONAL:**

**2004 - 2011** Webmaster, Vlamvo, Vlamertinge, Belgium

## **COURSES TAUGHT**

- 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
- Grondslagen van de beleidsinformatica

## INTELLECTUAL CONTRIBUTIONS

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### Papers in refereed journals

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#### Published

- Goethals F., Ziegelmayr J., (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

### **Forthcoming**

Goethals F., Ziegelmayer J., (2022), The greening of IT use: The impact of environmental concerns on the use of internet systems, *Information Technology and People*, TBD(TBD), pp. TBD

### **Papers in non-refereed journals**

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#### **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**

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#### **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

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### 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

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### Published

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

## Chapters in books

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### 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

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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

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

Goethals F., Vandenbulcke 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

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

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., 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**

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**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**

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### **Award**

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**

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### **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**

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### **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 Ieper, Belgium

**Member of an advisory board**

- 2017 SERV roundtables (consequences of digitization for the Flemish economy), Belgium
- 2015 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**

- 2017 ICIS 2017, 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  
 ECIS 2022

**Session chair in an academic conference**

**2010** MCIS

**Technical program committee member**

**2016 - 2017** ANT conference 2016, Spain

**RESEARCH ACTIVITIES**

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**COMMITTEE CHAIR**

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

**yyyy2022** Member of 2 TLQC workgroups, IÉSEG School of Management, France

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

**Supervision of Ph.D. Thesis:**

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