

Anthony Cleve

Curriculum vitae

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5000 Namur, Belgium
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Personalia *Date of birth:* August 18, 1981
Place of birth: Ottignies-Louvain-La-Neuve, Belgium
Nationality: Belgian

Interests Information system understanding, maintenance and evolution
Database design, reverse-engineering, migration and evolution
Data-intensive system analysis, transformation and generation
Self-adaptive & context-aware information system engineering

Education *PhD in Computer Science, 2009*
University of Namur, Belgium
Thesis: *Program Analysis and Transformation for Data-Intensive System Evolution*
Master (M.Sc.) in Computer Science, 2004
University of Namur, Belgium
Grade: *summa cum laude*
Thesis: *Data-centered Applications Conversion using Program Transformation*
Bachelor (B.Sc.) in Economics and Management, Computer Science option, 2001
University of Namur, Belgium
Grade: *cum laude*

Honors *Best Paper Award at the 2016 IEEE International Conference on Software Quality, Reliability and Security (QRS 2016)*

Nominated for the Cor Baayen Award 2012, awarded each year to a promising young researcher in computer science and applied mathematics in Europe

IBM Belgium / F.R.S. - FNRS 2010 Award for the best PhD thesis in Computer Science

ERCIM "Alain Bensoussan" Post-doctoral Fellowship (Dec. 2009 - Nov. 2010)

Experience

- since 09/2017 Associate Professor (tenured)
Faculty of Computer Science
University of Namur, Belgium
- 09/2013-08/2017 Assistant Professor (tenured)
Faculty of Computer Science
University of Namur, Belgium
- 09/2011-08/2013 Assistant Professor (tenure-track)
Faculty of Computer Science
University of Namur, Belgium
- since 12/2010 Visiting Lecturer
Master en Sciences et Technologies de l'Information et de la Communication (STIC)
Département des Sciences de l'Information et de la Communication (SIC)
Université Libre de Bruxelles (ULB), Belgium
- 12/2010-08/2011 Post-doctoral researcher
Database Application Engineering Laboratory (LIBD)
PReCISE Research Center – Faculty of Computer Science
University of Namur, Belgium
- 12/2009–11/2010 ERCIM post-doctoral research fellow
ADAM team, INRIA Lille Nord-Europe
Laboratoire d'Informatique Fondamentale de Lille (LIFL)
University of Lille 1, France
- 09/2008–09/2010 Lecturer
Master en Droit des Technologies de l'Information et de la Communication (DTIC)
University of Namur, Belgium
- 2005–2006 Visiting researcher
Software Analysis and Transformation group (SWAT)
Centrum voor Wiskunde en Informatica (CWI), Amsterdam, The Netherlands
- 2004–2009 Visiting R&D engineer
s.a. ReVeR – spin-off company originating from the LIBD
Namur, Belgium
- 09/2004–10/2009 Research assistant and PhD student
Database Application Engineering Laboratory (LIBD)
PReCISE Research Center – Faculty of Computer Science
University of Namur, Belgium

Teaching and supervising activities

Courses

- **Since 2011** “*Evolution de systèmes d’information*” (INFO M218)
Master in Computer Science
Faculty of Computer Science – University of Namur, Belgium
Course (30h) dedicated to software analysis and evolution
- **Since 2011** “*Modélisation pour l’informatique*” (INFO B235)
Bachelor in Computer Science
Faculty of Computer Science – University of Namur, Belgium
Course (30h) dedicated to database modeling and engineering (introduction)
- **Since 2011** “*Introduction aux bases de données*” (IHDC B234)
Bachelor in Computer Science (evening programme)
Faculty of Computer Science – University of Namur, Belgium
Course (30h) dedicated to database engineering (introduction)
- **Since 2012** “*Ingénierie des bases de données*” (INFO B312)
Bachelor in Computer Science (evening programme)
Faculty of Computer Science – University of Namur, Belgium
Course (45h) dedicated to database engineering (advanced level)
- **Since 2012** “*Ingénierie des bases de données*” (IHDC B334)
Bachelor in Computer Science (evening programme)
Faculty of Computer Science – University of Namur, Belgium
Course (30h) dedicated to database engineering (advanced level)
- **2012-2015** “*Introduction aux systèmes d’information*” (ECGE B110)
Bachelor in Economics, Management and Social sciences
Faculty of Economics, Management and Social sciences – University of Namur, Belgium
Course (30h), general introduction to informatics, computing problem modelling, spreadsheets and databases
- **2011-2014** “*Questions spéciales de systèmes d’information*” (INFO M425)
Master in Computer Science
Faculty of Computer Science – University of Namur, Belgium
Course (30h), together with Claire Lobet, Nathalie Grandjean and Michael Petit.
- **2013–2014** “*Questions spéciales d’ingénierie du logiciel et de l’information*” (INFO M435)
Master in Computer Science
Faculty of Computer Science – University of Namur, Belgium
Course (30h), together with Vincent Englebert, Naji Habra and Patrick Heymans
- **Since 2010** “*Conception et gestion des banques de données*” (STIC-B505)
Course (30h) dedicated to database engineering (advanced level)
2ème Master en Sciences et Technologies de l’Information et de la Communication
Université Libre de Bruxelles, Belgium

- **Since 2010** “*Banques de données*” (STIC-B405)
Course (30h) dedicated to database engineering (introduction)
1er Master en Sciences et Technologies de l’Information et de la Communication
Université Libre de Bruxelles, Belgium
- **2008–2010** “*Réseaux, sécurité et systèmes d’information*” (DTIC M321)
Course module (15h) dedicated to database engineering
Master Complémentaire en Droit des TIC
Faculty of Law – University of Namur, Belgium

Invited lectures, talks and & tutorials

- **08/2015** Invited talk at the *FNRS Contact Group on Data Quality*, ULB, Brussels (invited by Prof. Isabelle Boydens)
Title: *Analyzing the Evolution of Data-Intensive Software Systems in Support to Software Maintenance*
- **12/2015** Short talk at the *Grascomp Doctoral Day*, Namur (invited by Prof. Pierre Manneback)
Title: *Data-Intensive System Evolution*
- **08/2015** Invited seminar at *TU/Delft*, Delft, The Netherlands (invited by Prof. Arie van Deursen)
Title: *Analyzing the Evolution of Data-Intensive Systems*
- **10/2012** Invited lecture, Master in Computer Science, University of Victoria, Canada (invited by Prof. Jens Weber)
Title: *Migration of Legacy Information Systems*
- **07/2011** Short tutorial at the *4th International Summer School on Generative and Transformational Techniques in Software Engineering (GTTSE 2011)*, Braga, Portugal (invited by Prof. Ralf Lämmel)
Title: *Dynamic Program Analysis for Database Reverse Engineering*
- **03/2011** “*Questions Actuelles en Informatique*”, Engineering degree in Informatics, Université Libre de Bruxelles, Belgium (invited by Prof. Esteban Zimányi)
Title: “*Dynamic Program Analysis for Database Reverse Engineering*”
- **02/2011** “*Software Evolution seminar*”, Master in Computer Science, University of Mons, Belgium (invited by Prof. Tom Mens)
Title: “*Dynamic Analysis of SQL Statements for Database Reverse Engineering*”
- **02/2010** “*Capita Selecta in Software Flexibility*”, Master in Computer Science, University of Antwerp, Belgium (invited by Dr. Dirk Derrider)
Title: “*Introduction to Software Product Line Engineering*”
- **02/2010** “*Software Evolution seminar*”, Master in Computer Science, University of Mons, Belgium (invited by Prof. Tom Mens)
Title: “*Program Analysis and Transformation for Data-Intensive System Evolution*”
- **11/2008** “*IPA Fall Days 2008*”, Dutch doctoral school, Nunspeet, The Netherlands (invited by Prof. Paul Klint and Prof. Arie van Deursen)
Title: “*Co-Analysis and Co-evolution of Databases and Programs*”

PhD. thesis supervision

- **2017–2021** Maxime Gobert, “*Co-evolving Structured and Unstructured Databases*”, University of Namur
- **2013–2017** Loup Meurice, “*Supporting the Evolution of Dynamic and Heterogeneous Data-Intensive Systems*”, University of Namur
- **2011–2017** Nesrine Noughi, “*Understanding Data-Intensive Systems using Dynamic Analysis and Visualization*”, University of Namur (co-promotor: Prof. Naji Habra).

- **2010–2010** Gabriel Tamura, “*A safe contract-based self-adaptive framework to preserve QoS properties using e-graphs*”, University of Los Andes, Columbia and University of Lille 1, France (main advisors: Prof. Ruby Casallas and Prof. Laurence Duchien, expected graduation: 2013).
- **2009–2010** Carlos Andres Parra, “*Unifying Design and Runtime Adaptations*”, University of Lille 1, France (main advisor: Prof. Laurence Duchien, PhD defense: March 4, 2011)

MSc. thesis supervision

- **2016–2017** Anne Smal and Jeremy Lebutte. “*Contribution to Sign Language 3.0*”, Master in Computer Science, University of Namur, Belgium, 2017.
- **2016–2017** Jerome Hainaut. “*Co-évolution de bases de données et de programmes: état de l’art et des pratiques*”, Master in Computer Science (evening programme), University of Namur, Belgium, 2017.
- **2016–2017** Patrick George. “*Analyse de l’historique d’évolution d’un système d’information: focus sur les aspects collaboratifs*”, Master in Computer Science (evening programme), University of Namur, Belgium, 2017.
- **2015–2016** Mathieu Humblet and Dang Vinh Tran. “*Variability Management in Database Applications*”, Master in Computer Science, University of Namur, Belgium, 2016.
- **2015–2016** David Ballarini and Guessing Vondou. “*Elaboration d’une méthode outillée permettant l’analyse du cycle de vie des requêtes de systèmes logiciels dits data-intensive*”, Master in Computer Science, University of Namur, Belgium, 2016.
- **2014–2015** Bastien Corbaye, Romain Crespeigne and Martin Minet. “*Database migration from relational databases towards NoSQL - Method and implementation*”, Master in Computer Science, University of Namur, Belgium, 2015.
- **2013–2014** Mathieu Beine and Nicolas Hames, “*Bidirectional approach to Channel-based database schema evolution*”, Master in Computer Science, University of Namur, Belgium, 2014.
- **2013–2014** Martial Lamock. “*Contribution à l’adoption des bases de données NoSQL*”, Master in Computer Science (evening programme), University of Namur, Belgium, 2014.
- **2012–2013** Loup Meurice, “*Visualizing SQL Execution Traces for Program Understanding*”, Master in Computer Science, University of Namur, Belgium, 2013.
- **2012–2013** Maxime Gobert and Jerome Maes, “*Database Reverse Engineering for Large and Complex Web Applications*”, Master in Computer Science, University of Namur, Belgium, 2013. **Jean Fichet Award 2013.**
- **2011–2012** David Jacquet and Xavier Mawet, “*Simulation and Visualization of the Patient Flow for Decision Making in Hospital Emergency Department*”, Master in Computer Science, University of Namur, Belgium, 2012 (co-advisor: Prof. Jean-Luc Hainaut).
- **2008–2009** Cédric Aerts, “*Utilisation de vues pour l’évolution des applications de bases de données relationnelles*”, Licence en Informatique à horaire décalé (LIHD), University of Namur, Belgium, 2009 (co-advisor: Prof. Jean-Luc Hainaut).
- **2008–2009** Piero Folisi, “*Co-analyse schéma-données-programmes pour la rétro-ingénierie de bases de données*”, Licence en Informatique à horaire décalé (LIHD), University of Namur, Belgium, 2009 (co-advisor: Prof. Jean-Luc Hainaut).
- **2006–2007** Jonathan Lemaitre, “*Etude de la qualité des applications de bases de données*”, Master in Computer Science, University of Namur, Belgium, 2007 (co-advisor: Prof. Jean-Luc Hainaut).

Scientific activities

Research projects

- **2017-2019** : L'Internet de Demain pour développer les Entreprises, l'Economie et la Société (IDEES), FEDER project, EU
- **2016-2017** Sign Language oNline Tools (SILENT), internal funding
- **2013-2017** Data-Intensive Software System Evolution (DISSE), PDR project, F.R.S.-FNRS
- **2010-2011** Les TIC au service des patients (E-Health), EU
- **2009-2010** Conception, déploiement et exécution d'applications dans un environnement nomade et ubiquitaire (CAPPUCINO), ANR project
- **2009 & 2010-2011** Gestion d'Itinéraires de Soins guidée par modeLE (GISELE)
- **2007-2011** Questions fondamentales en ingénierie du logiciel: modélisation, vérification et évolution des applications (MoVES), IAP project, Belspo
- **2004-2008** Aide à la migration des grands systèmes d'information (RIStart), First Europe project, Walloon region & ESF
- **2002-2004** Architectures et techniques transformationnelles de migration de grandes applications de bases de données, incluant les données et les programmes (IS Migration), internal funding

Research networks & communities

- Co-Chair of the *ERCIM Working Group on Software Evolution*¹ (2010-2014)
- Steering Committee member of *IWPSE*, the *International Workshop on Principles of Software Evolution* (2010-2014)
- Member of the *MoVES*² network, an Inter-University Attraction Pole on the topic of software evolution, modelling and verification (2007-2011).
- External partner of the *RIMEL*³ group, regrouping the main french-speaking research teams interested in software reverse engineering.

Research visits

- **October 2012** University of Victoria, Canada
short research visit in the team of Prof. Jens Weber.
- **October 2010** LERO research center, University of Limerick, Ireland
one-week research visit in the team of Dr. Goetz Botterweck.
- **June 2010** University of Lugano, Switzerland
one-week research visit in the REVEAL team, led by Prof. Michele Lanza.
- **2009-2010** INRIA Lille-Nord Europe, Villeneuve-d'Ascq, France
12-month post-doctoral fellowship programme in the ADAM team, led by Prof. Laurence Duchien.
- **2005-2006** Centrum voor Wiskunde en Informatica (CWI), Amsterdam, The Netherlands
6-month research visit in the team of Prof. Paul Klint.
- **2003-2004** Centrum voor Wiskunde en Informatica (CWI), Amsterdam, The Netherlands
5-month Master's thesis internship in the team of Prof. Paul Klint, under supervision of Prof. Arie van Deursen.

¹see <http://wiki.ercim.org/wg/SoftwareEvolution>

²see <http://moves.vub.ac.be>

³see <http://megaplanet.org/rimel/>

PhD committees

- External reviewer for Remus Dobrican's PhD thesis (University of Luxembourg), *Collaborative Rule-Based Proactive Systems: Model, Information Sharing Strategy and Case Studies*, 2016, invited by Prof. Denis Zampunieris.
- Internal reviewer for Corentin Burnay's PhD thesis (University of Namur), *Essays on Information Elicitation for Decision-Making in Systems Engineering: Improving Completeness of Requirements*, 2016, invited by Prof. Stephane Faulkner and Dr. Ivan Jureta.
- Internal reviewer for Amanuel Koshima's PhD thesis (University of Namur), *A Distributed Collaborative Model Editing Framework for Domain Specific Modeling Languages*, 2015, invited by Prof. Vincent Englebert.
- External reviewer for Laurent Kirsch's PhD thesis (University of Luxembourg), *The Snippet Platform - A Holistic Approach to Document-Centric and Context-Based Authoring*, 2014, invited by Prof. Steffen Steffen Rothkugel.
- External reviewer for Sergio Castro's PhD thesis (UCLouvain), *A Portable Approach for Bidirectional Integration between a Logic and a Statically-Typed Object-Oriented Programming Language*, 2014, invited by Prof. Kim Mens.
- Internal reviewer for Ebrahim Abbasi's PhD thesis (University of Namur), *Reverse Engineering Web Configurators*, 2014, invited by Prof. Patrick Heymans.
- Internal reviewer for Benoit Vanderose's PhD thesis (University of Namur), *Supporting a model-driven and iterative quality assessment methodology: the MoCQA framework*, December 2012, invited by Prof. Naji Habra.
- External reviewer for Marco Mori's PhD thesis (IMT Lucca, Italy), *A Framework to Support Consistent Design and Evolution of Adaptive Systems*, March 2012, invited by Prof. Paola Inverardi.
- External PhD committee member of Carlos Andres Parra (Université de Lille 1, France), *Towards Dynamic Software Product Lines: Unifying Design and Runtime Adaptations*, March 2011, invited by Prof. Laurence Duchien.
- External PhD committee member of Diego Ordonez (Université catholique de Louvain, Belgium), *A product-line for families of program translators: A grammar-based approach*, August 2010, invited by Prof. Kim Mens.

Organizing committees

- Workshop co-chair of the *International Workshop on Live Adaptation of Software Systems (LASSY 2016)*, Malaga, Spain, 2016.
- Publicity co-chair for the *23rd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2016)*. Osaka, Japan. 2016.
- Liaison co-Chair for the *IEEE CSMR-WCRE 2014 Software Evolution Week*, Antwerp, Belgium, 2014.
- Program co-Chair of the *17th European Conference on Software Maintenance and Reengineering (CSMR 2013)*, Genova, Italy, 2013.
- Tool demonstrations co-chair of the *29th International Conference on Software Maintenance (ICSM 2013)*, Eindhoven, The Netherlands, 2013.
- Program co-Chair of the *16th European Conference on Software Maintenance and Reengineering (CSMR 2012)*, Szeged, Hungary, 2012.
- Publicity co-Chair of the *30th International Conference on Conceptual Modeling (ER 2011)*, Brussels, Belgium, 2011.

- Demonstration co-Chair of the *8th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2011)*, Szeged, Hungary, 2011.
- co-Organizer and Program co-Chair of *IWPSE-EVOL 2011*, the *joint International Workshop on Principles of Software Evolution (IWPSE) and ERCIM Workshop on Software Evolution and Evolvability (EVOL)* – held in conjunction with *ESEC/FSE'2011*, Szeged, Hungary, 2011.
- Demonstration co-Chair of the *25th IEEE/ACM International Conference on Automated Software Engineering (ASE 2010)*, Antwerp, Belgium, 2010.
- Publicity co-Chair of the *3rd International Conference on Software Language Engineering (SLE 2010)*, Eindhoven, The Netherlands, 2010.
- co-Organizer and Program co-Chair of *IWPSE-EVOL 2010*, the *joint International Workshop on Principles of Software Evolution (IWPSE) and ERCIM Workshop on Software Evolution and Evolvability (EVOL)* – held in conjunction with *ASE'2010*, Antwerp, Belgium, 2010.
- co-Organizer of the *3rd International Workshop on Academic Software Development Tools and Techniques (WASDeTT'2010)* – held in conjunction with – held in conjunction with *ASE 2010*, Antwerp, Belgium, 2010.
- Initiator of the *International Workshop series on Model Co-Evolution and Consistency Management (MCCM)*, 1st edition: Toulouse, France, 2008, second edition: Denver, USA, 2009.
- co-Organizer of the *6th Belgian-Netherlands workshop on software eVolution (BENEVOL 2007)*, Namur, Belgium, 2007.

Program committees & reviewing

- *25th International Conference on Program Comprehension (ICPC 2017)*, PC member, 2017.
- *24th IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2017)*, ERA track, PC member, 2017.
- *24th International Conference on Program Comprehension (ICPC 2016)*, PC member 2016.
- *32nd IEEE International Conference on Software Maintenance and Evolution (ICSME 2016)*, PC member, 2016.
- *23rd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2016)*, PC member, 2015.
- *10th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2015)*, PC member, 2015.
- *30th International Conference on Software Maintenance (ICSM 2014)*, PC member, 2014.
- *IEEE CSMR-WCRE 2014 Software Evolution Week*, PC member, 2014.
- *3rd International Workshop on Bidirectional Transformations (BX 2014)*, PC member, 2014.
- *29th International Conference on Software Maintenance (ICSM 2013)*, PC member, 2013.
- *21st International Conference on Program Comprehension (ICPC 2013)*, PC member, 2013.
- *9th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2013)*, tool demo track, PC member, 2013.
- *2nd International Workshop on Bidirectional Transformations (BX 2013)*, PC member, 2013.
- *32nd International Conference on Software Engineering (ICSE 2012)*, Formal tool demo track, PC member, 2012.
- *28th International Conference on Software Maintenance (ICSM 2012)*, PC member, 2012.
- *27th IEEE/ACM International Conference on Automated Software Engineering (ASE 2012)*, Tool demo track, PC member, 2012.

- *19th Working Conference on Reverse Engineering (WCRE 2012)*, PC member, 2012.
- *2nd International Symposium on the Foundations of Health Information Engineering and Systems (FHIES 2012)*, PC member, 2012.
- *First International Workshop on Bidirectional Transformations (BX 2012)*, PC member, 2012.
- *Première conférence en Ingénierie du Logiciel (CIEL 2012)*, PC member, 2012.
- *IEEE Transactions on Software Engineering (TSE)*, referee, 2011.
- *26th IEEE/ACM International Conference on Automated Software Engineering (ASE 2011)*, Tool demo track, PC member, 2011.
- *18th International Working Conference on Reverse Engineering (WCRE 2011)*, PC member, 2011.
- *27th International Conference on Software Maintenance (ICSM 2011)*, ERA & Tool demo tracks, PC member, 2011.
- *4th International Conference on Software Language Engineering (SLE 2011)*, PC member, 2011.
- *15th European Conference on Software Maintenance and Reengineering (CSMR 2011)*, PC member, 2011.
- *PhD colloquium of the 30th International Conference on Conceptual Modeling (ER 2011)*, mentor, 2011.
- *First International Workshop on Software Variability Management (Variability@ER 2011)*, PC member, 2011.
- *1st International Workshop on Model-Driven Software Migration (MDSM 2011)*, PC member, 2011.
- *17th International Working Conference on Reverse Engineering (WCRE 2010)*, PC member, 2010.
- *3rd International Conference on Software Language Engineering (SLE 2010)*, PC member, 2010.
- *29th International Conference on Conceptual Modeling (ER 2010)*, co-reviewer (PC member: Jean-Luc Hainaut), 2010.
- *2nd International Workshop on Model-Driven Product Line Engineering (MDPLE 2010)*, co-reviewer (PC member: Laurence Duchien), 2010.
- *Elsevier's Science of Computer Programming (SCP)*, special issue on Software Evolution, referee, 2010.
- *8th BELgian-NEtherlands software eVOLution seminar (BENEVOL 2009)*, PC member, 2009.
- *ACM SIGPLAN 2009 Workshop on Partial Evaluation and Program Manipulation (PEPM 2009)*, co-reviewer (PC member: Wim Vanhoof), 2008.
- *IET Software Journal*, referee, 2008.
- *Doctoral symposium of the 15th Working Conference on Reverse Engineering (WCRE 2008)*, PC member, 2008.
- *15th Working Conference on Reverse Engineering (WCRE 2008)*, co-reviewer (PC member: Jean-Luc Hainaut), 2008.
- *Journal of Software Maintenance and Evolution: Research and Practice (JSME)*, referee, 2007, 2008, 2009, 2011.
- *IET Software Journal*, special issue on Software Language Engineering, referee, 2007.
- *15th IEEE International Requirements Engineering Conference (RE 2007)*, co-reviewer (PC member: Patrick Heymans), 2007.
- *19th International Conference on Advanced Information Systems Engineering (CAISE 2007)*, co-reviewer (PC member Patrick Heymans), 2007.

Attendance to scientific events

- *16th IEEE International Working Conference on Source Code Analysis and Manipulation (SCAM 2016)*, Raleigh, USA, 2016.
- *28th International Conference on Advanced Information Systems Engineering (CAiSE 2016)*, Ljubljana, Slovenia, 2016.
- *10th edition of the Language Resources and Evaluation Conference (LREC 2016)*, Portoroz, Slovenia, 2016.
- *37th International Conference on Software Engineering (ICSE 2015)*, Florence, Italy, 2015.
- *22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2015)*, Montreal, Canada, 2015.
- *30th International Conference on Software Maintenance and Evolution (ICSME 2014)*, Victoria, Canada, 2014.
- *36th International Conference on Software Engineering (ICSE 2014)*, Hyderabad, India, 2014.
- *22nd International Conference on Program Comprehension (ICPC 2014)*, Hyderabad, India, 2014.
- *IEEE CSMR-WCRE 2014 Software Evolution Week*, Antwerp, Belgium, 2014.
- *12th Belgian-Netherlands software eVOLution seminar (BENEVOL 2013)*, Mons, Belgium, 2013.
- *29th IEEE International Conference on Software Maintenance (ICSM 2013)*, Eindhoven, The Netherlands, 2013.
- *Monte Verita Symposium on Augmenting Software Developer Support to Improve Productivity (ASDS 2013)*, Ascona, Switzerland, 2013.
- *17th European Conference on Software Maintenance and Reengineering (CSMR 2013)*, Genova, Italy, 2013.
- *19th Working Conference on Reverse Engineering (WCRE 2012)*, Kingston, Canada, 2012.
- *11th meeting of the IFIP Working Group 2.11 on Program Generation*, Halmstad, Sweden, 2012.
- *34th International Conference on Software Engineering (ICSE 2012)*, Zurich, Switzerland, 2012.
- *16th European Conference on Software Maintenance and Reengineering (CSMR 2012)*, Szeged, Hungary, 2012.
- *10th Belgian-Netherlands software eVOLution workshop (BENEVOL 2011)*, Brussels, Belgium, 2011.
- *8th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2011)*, Szeged, Hungary, 2011.
- *3rd International Summer School on Generative and Transformational Techniques in Software Engineering (GTTSE 2011)*, Braga, Portugal, 2011.
- *Seminar on Advanced Tools & Techniques for Software Evolution (SATToSE 2011)*, Koblenz, Germany, 2011.
- *Dagstuhl Seminar on Bidirectional transformations (bx)*, Wadern, Germany, 2011.
- *29th International Conference on Conceptual Modeling (ER 2010)*, Vancouver, Canada, 2010.
- *25th IEEE/ACM International Conference on Automated Software Engineering (ASE 2010)*, Antwerp, Belgium, 2010.
- *Joint International Workshop on Principles of Software Evolution and annual ERCIM Workshop on Software Evolution (IWPSE-EVOL 2010)*, Antwerp, Belgium, 2010.
- *3rd International Workshop on Academic Software Development Tools and Techniques (WASDeTT 2010)*, Antwerp, Belgium, 2010.

- *26th IEEE International Conference on Software Maintenance (ICSM 2010)*, Timisoara, Romania, 2010.
- *2nd International Workshop on Model-Driven Product Line Engineering (MDPLE 2010)*, Paris, France, 2010.
- *Seminar on Advanced Tools & Techniques for Software Evolution (SATToSE 2010)*, Montpellier, France, 2010.
- *16th Working Conference on Reverse Engineering (WCRE 2009)*, Lille, France, 2009.
- *8th BELgian-NEtherlands software eVOLution workshop (BENEVOL 2009)*, Louvain-La-Neuve, Belgium, 2009.
- *7th BELgian-NEtherlands software eVOLution workshop (BENEVOL 2008)*, Eindhoven, The Netherlands, 2008.
- *IPA Fall Days on Software Analysis - Nunspeet*, The Netherlands, 2008.
- *15th IEEE Working Conference on Reverse Engineering (WCRE 2008)*, Antwerp, Belgium, 2008.
- *34th International Conference on Very Large Data Bases (VLDB 2008)*, Auckland, New Zealand, 2008.
- *6th International Workshop on Quality in Databases (QDB 2008)*, Auckland, New Zealand, 2008.
- *Dutch-Belgian Database Day 2008 (DBDBD 2008)*, Namur, Belgium, 2008.
- *12th European Conference on Software Maintenance and Reengineering (CSMR 2008)*, Athens, Greece, 2008.
- *FNRS Contact Group on Fundamental Computer Science - Fundamental Aspects of Software Evolution*, Namur, 2008.
- *Research Seminar on Software Evolution (EVOL@MONS 2008)*, Mons, Belgium, 2008.
- *6th BELgian NEtherlands workshop on software eVOLution (BENEVOL 2007)*, Namur, Belgium, 2007.
- *23rd IEEE International Conference on Software Maintenance (ICSM 2007)*, Paris, France, 2007.
- *PReCISE Day'2007*, Namur, Belgium, 2007.
- *13th IEEE Working Conference on Reverse Engineering (WCRE 2006)*, Benevento, Italy, 2006.
- *10th European Conference of Software Maintenance and Reengineering (CSMR 2006)*, Bari, Italy, 2006.
- *5th BELgian-NEtherlands software eVOLution workshop (BENEVOL 2006)*, Delft, The Netherlands, 2006.
- *3rd European Workshop on Software Architectures (EWSA 2006)*, Nantes, France, 2006.
- *Première Conférence Francophone sur les Architectures Logicielles (CAL 2006)*, Nantes, France, 2006.
- *First International Summer School on Generative and Transformational Techniques in Software Engineering (GTTSE 2005)*, Braga, Portugal, 2005.
- *Belgian Symposium on Software Restructuring*, University of Ghent, Belgium, 2005.
- *11th IEEE Working Conference on Reverse Engineering (WCRE 2004)*, Delft, The Netherlands, 2004.
- *First International Workshop on Wrapper Techniques for Legacy Systems (WRAP 2004)*, Delft, The Netherlands, 2004.
- *2nd International Workshop on Metamodels, Schemas & Grammars for Reverse Engineering (ATEM 2004)*, Delft, The Netherlands, 2004.

Publications

Edited Volumes

- Tom Mens, Alexander Serebrenik, and **Anthony Cleve**, editors. *Evolving Software Systems*. Springer, 2014.
- Tom Mens and **Anthony Cleve**, editors. *Special Issue on CSMR 2012*, volume 26 of *Journal of Software: Evolution and Process*. Wiley, 2012.
- Anthony Cleve**, Filippo Ricca, and Maura Cerioli, editors. *Proceedings of the 17th European Conference on Software Maintenance and Reengineering (CSMR'13)*. IEEE Computer Society, 2013.
- Andrea Capiluppi, **Anthony Cleve**, and Naouel Moha, editors. *Special Issue on Automated Software Evolution*, volume 85 of *Journal on Software and Systems*. Elsevier, October 2012.
- Tom Mens, **Anthony Cleve**, and Rudolf Ferenc, editors. *Proceedings of the 16th European Conference on Software Maintenance and Reengineering (CSMR'12)*. IEEE Computer Society, 2012.
- Anthony Cleve** and Romain Robbes, editors. *Proceedings of the 12th International Workshop on Principles of Software Evolution and the 7th annual ERCIM Workshop on Software Evolution (EVOL/IWPSE '11)*. ACM, 2011.
- Andrea Capiluppi, **Anthony Cleve**, and Naouel Moha, editors. *IWPSE-EVOL '10: Proceedings of the Joint ERCIM Workshop on Software Evolution (EVOL) and International Workshop on Principles of Software Evolution (IWPSE)*. ACM, 2010.

Book Chapters

- Anthony Cleve**, Nesrine Noughi, and Jean-Luc Hainaut. Dynamic program analysis for database reverse engineering. In Ralf Lämmel, João Saraiva, and Joost Visser, editors, *Generative and Transformational Techniques in Software Engineering*, volume 7680 of *Lecture Notes in Computer Science*, pages 297–321. Springer, 2013.
- Jean-Luc Hainaut, Anne-France Brogneaux, and **Anthony Cleve**. Healthcare information system modelling. In Isabel Maria Miranda and Maria Manuela Cruz-Cunha, editors, *Handbook of Research on ICTs for Healthcare and Social Services: Developments and Applications*. ISI Global, 2012.
- Jean-Luc Hainaut, **Anthony Cleve**, Jean Henrard, and Jean-Marc Hick. Migration of legacy information systems. In Tom Mens and Serge Demeyer, editors, *Software Evolution*, pages 105–138. Springer, 2008.
- Anthony Cleve** and Jean-Luc Hainaut. Co-transformations in database applications evolution. In Ralf Lämmel, João Saraiva, and Joost Visser, editors, *Generative and Transformational Techniques in Software Engineering*, volume 4143 of *Lecture Notes in Computer Science*, pages 409–421. Springer, 2006.

Journal Papers

- Alberto Bacchelli, Andrea Mocchi, **Anthony Cleve**, and Michele Lanza. Mining structured data in natural language artifacts with island parsing. *Science of Computer Programming*, 2017.
- Anthony Cleve**, Maxime Gobert, Loup Meurice, Jerome Maes, and Jens Weber. Understanding database schema evolution: A case study. *Science of Computer Programming*, 97:113–121, 2015.
- Gabriel Tamura, Ruby Casallas, **Anthony Cleve**, and Laurence Duchien. QoS contract preservation through dynamic reconfiguration: A formal semantics approach. *Science of Computer Programming*, 94:307–332, 2014.
- Mathieu Acher, **Anthony Cleve**, Philippe Collet, Philippe Merle, Laurence Duchien, and Philippe Lahire. Extraction and evolution of architectural variability models in plugin-based systems. *Software & Systems Modeling (SoSyM)*, 13:1367–1394, 2014.

- Jurgen J. Vinju and **Anthony Cleve**. Software quality - introduction to the special theme. *ERCIM News*, 2014(99), 2014.
- Tom Mens and **Anthony Cleve**. CSMR 2012 special issue - guest editorial. *Journal of Software: Evolution and Process*, 26(8):729, 2014.
- Andrea Capiluppi, **Anthony Cleve**, and Naouel Moha. Guest editor's introduction to the special issue on automated software evolution. *Journal on Software and Systems*, 85(10):2193–2194, October 2012.
- Anthony Cleve**, Jean-Roch Meurisse, and Jean-Luc Hainaut. Database semantics recovery through analysis of dynamic SQL statements. *Journal on Data Semantics*, 15:130–157, 2011.
- Carlos Parra, Xavier Blanc, **Anthony Cleve**, and Laurence Duchien. Unifying design and runtime software adaptations using aspect models. *Science of Computer Programming*, 76(12):1247–1260, 2011.
- Anthony Cleve**, Tom Mens, and Jean-Luc Hainaut. Data-intensive system evolution. *IEEE Computer*, 43(8):110–112, August 2010.
- Gabriel Tamura and **Anthony Cleve**. A comparison of taxonomies for model transformation languages. *Paradigma*, 4(1), March 2010. Revista electronica en construcción de software. ISSN: 2011-0065.

Conference Papers

- Loup Meurice and **Anthony Cleve**. Supporting schema evolution in schema-less NoSQL data stores. In *Proceedings of the 24th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER 2017)*. IEEE Computer society, 2017.
- Michael de Jong, Arie van Deursen, and **Anthony Cleve**. Zero-downtime SQL database schema evolution for continuous deployment. In *Proceedings of the 39th International Conference on Software Engineering (ICSE 2017), Software Engineering In Practice Track (SEIP)*. ACM Press, 2017.
- Loup Meurice, Csaba Nagy, and **Anthony Cleve**. Static analysis of dynamic database usage in Java systems. In Selmin Nurcan, Pnina Soffer, Marko Bajec, and Johann Eder, editors, *Proceedings of the 28th International Conference on Advanced Information Systems Engineering (CAiSE 2016)*, volume 9694 of *Lecture Notes in Computer Science*, pages 491–506. Springer, 2016.
- Loup Meurice, Csaba Nagy, and **Anthony Cleve**. Detecting and preventing program inconsistencies under database schema evolution. In *Proceedings of the 2016 IEEE International Conference on Software Quality, Reliability and Security (QRS 2016)*, pages 262–273. IEEE Computer Society, 2016. **Best paper award**.
- Loup Meurice and **Anthony Cleve**. DAHLIA 2.0: A visual analyzer of database usage in dynamic and heterogeneous systems. In Bonita Sharif, Christopher Parnin, and Johan Fabry, editors, *Proceedings of the 2016 IEEE Working Conference on Software Visualization (VISSOFT 2016)*, pages 76–80. IEEE Computer Society, 2016.
- Laurence Meurant, Maxime Gobert, and **Anthony Cleve**. Modelling a parallel corpus of french and french belgian sign language. In *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016)*. European Language Resources Association (ELRA), 2016.
- Csaba Nagy and **Anthony Cleve**. Mining stack overflow for discovering error patterns in SQL queries. In *Proceedings of the 31st IEEE International Conference on Software Maintenance and Evolution (ICSME 2015)*, pages 516–520. IEEE Computer Society, 2015.
- Csaba Nagy, Loup Meurice, and **Anthony Cleve**. Where was this SQL query executed? a static concept location approach. In Yann-Gaël Guéhéneuc, Bram Adams, and Alexander Serebrenik,

- editors, *Proceedings of the 22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER 2015)*, pages 580–584. IEEE, 2015.
- Marco Mori, Nesrine Noughi, and **Anthony Cleve**. Extracting data manipulation processes from SQL execution traces. In *CAiSE Forum 2014, Selected Extended Papers*, Lecture Notes in Business Information Processing. Springer, 2015. in press.
- Loup Meurice, Javier Bermudez, Jens Weber, and **Anthony Cleve**. Establishing referential integrity in legacy information systems: Reality bites! In *Proceedings of the 30th IEEE International Conference on Software Maintenance (ICSM 2014), ERA track*. IEEE Computer Society, 2014.
- Loup Meurice and **Anthony Cleve**. Dahlia - a visual analyzer of database schema evolution. In *Proceedings of the IEEE CSMR/WCRE 2014 Software Evolution Week*, pages 464–468. IEEE Computer Society, 2014.
- Nesrine Noughi, Marco Mori, Loup Meurice, and **Anthony Cleve**. Understanding the database manipulation behavior of programs. In Chanchal K. Roy, Andrew Begel, and Leon Moonen, editors, *Proceedings of the 22nd International Conference on Program Comprehension (ICPC 2014)*, pages 64–67. ACM, 2014.
- Marco Mori, Nesrine Noughi, and **Anthony Cleve**. Mining SQL execution traces for data manipulation behavior recovery. In Selmin Nurcan, Elias Pimenidis, Oscar Pastor, and Yannis Vassiliou, editors, *Proceedings of the 26th International Conference on Advanced Information Systems Engineering (CAiSE 2014), Forum track*, volume 1164 of *CEUR Workshop Proceedings*, pages 41–48, 2014.
- Ebrahim Abbasi, Mathieu Acher, Patrick Heymans, and **Anthony Cleve**. Reverse engineering web configurators. In *Proceedings of the IEEE CSMR/WCRE 2014 Software Evolution Week*, pages 264–273. IEEE Computer Society, 2014.
- Maxime Gobert, Jerome Maes, **Anthony Cleve**, and Jens Weber. Understanding schema evolution as a basis for database reengineering. In *Proceedings of the 29th IEEE International Conference on Software Maintenance (ICSM 2013)*. IEEE Computer Society, 2013.
- Marco Mori, **Anthony Cleve**, and Paola Inverardi. A stability-aware approach to continuous self-adaptation of data-intensive systems. In *Proceedings of the 2nd International Conference on Context-Aware Systems and Applications (ICCASA 2013)*. Springer Verlag, 2013.
- Anthony Cleve** and Jean-Luc Hainaut. What do foreign keys actually mean? In *Proceedings of the 19th Working Conference on Reverse Engineering (WCRE 2012)*, pages 299–307. IEEE Computer Society, 2012.
- James Terwilliger, **Anthony Cleve**, and Carlo Curino. How clean is your sandbox? : Towards a unified theoretical framework for incremental bidirectional transformations. In *Proceedings of the 5th International Conference on Model Transformation (ICMT 2012)*, volume 7307 of *Lecture Notes in Computer Science*, pages 1–23. Springer, 2012.
- Alberto Bacchelli, **Anthony Cleve**, Michele Lanza, and Andrea Mocchi. Extracting structured data from natural language documents with island parsing. In Perry Alexander, Corina S. Pasareanu, and John G. Hosking, editors, *Proceedings of the 26th IEEE/ACM International Conference on Automated Software Engineering (ASE 2011)*, pages 476–479, 2011.
- Mathieu Acher, **Anthony Cleve**, Philippe Colet, Philippe Merle, Laurence Duchien, and Philippe Lahire. Reverse engineering architectural feature models. In Ivica Crnkovic, Volker Gruhn, and Matthias Book, editors, *Proceedings of the 5th European Conference on Software Architecture (ECSA 2011)*, volume 6903 of *Lecture Notes in Computer Science*, pages 220–235. Springer, 2011.
- Ravi Ramdoyal and **Anthony Cleve**. From pattern-based user interfaces to conceptual schemas and back. In Manfred A. Jeusfeld, Lois M. L. Delcambre, and Tok Wang Ling, editors, *Proceedings*

of the 30th International Conference on Conceptual Modeling (ER 2011), volume 6998 of *Lecture Notes in Computer Science*, pages 247–260. Springer, 2011.

Anthony Cleve, Anne-France Brogneaux, and Jean-Luc Hainaut. A conceptual approach to database applications evolution. In Jeffrey Parsons, Motoshi Saeki, Peretz Shoval, Carson Woo, and Yair Wand, editors, *Proceedings of the 27th International Conference on Conceptual Modeling (ER 2010)*, volume 6412 of *Lecture Notes in Computer Science*, pages 132–145. Springer, 2010.

Anthony Cleve. Program analysis and transformation for data-intensive system evolution. In Michele Lanza and Andrian Marcus, editors, *Proceedings of the 26th IEEE International Conference on Software Maintenance (ICSM 2010)*. IEEE Computer Society, 2010.

Ravi Ramdoyal, **Anthony Cleve**, and Jean-Luc Hainaut. Reverse engineering user interfaces for interactive database conceptual analysis. In Barbara Pernici, editor, *Proceedings of the 22nd International Conference on Advanced Information Systems Engineering (CAiSE 2010)*, volume 6051 of *Lecture Notes in Computer Science*, pages 332–347. Springer, 2010.

Carlos Parra, **Anthony Cleve**, Xavier Blanc, and Laurence Duchien. Feature-based composition of software architectures. In Muhammad Ali Babar and Ian Gorton, editors, *Proceedings of the 4th European Conference on Software Architecture (ECSA 2010)*, volume 6285 of *Lecture Notes in Computer Science*, pages 230–245. Springer, 2010.

Anthony Cleve and Jean-Luc Hainaut. Dynamic analysis of SQL statements for data-intensive applications reverse engineering. In Andy Zaidman, Massimiliano Di Penta, and Ahmed Hassan, editors, *Proceedings of the 15th Working Conference on Reverse Engineering (WCRE 2008)*, pages 192–196. IEEE Computer Society, 2008.

Jean Henrard, Didier Roland, **Anthony Cleve**, and Jean-Luc Hainaut. Large-scale data reengineering: Return from experience. In Andy Zaidman, Massimiliano Di Penta, and Ahmed Hassan, editors, *Proceedings of the 15th Working Conference on Reverse Engineering (WCRE 2008)*, pages 305–308. IEEE Computer Society, 2008.

Anthony Cleve, Jean Henrard, Didier Roland, and Jean-Luc Hainaut. Wrapper-based system evolution - application to CODASYL to relational migration. In Kostas Kontogiannis, Christos Tjortjis, and Andreas Winter, editors, *Proceedings of the 12th European Conference in Software Maintenance and Reengineering (CSMR 2008)*, pages 13–22. IEEE Computer Society, 2008.

Jean Henrard, Didier Roland, **Anthony Cleve**, and Jean-Luc Hainaut. An industrial experience report on legacy data-intensive system migration. In Gerardo Canfora and Ladan Tahvildari, editors, *Proceedings of the 23rd International Conference on Software Maintenance (ICSM 2007)*, pages 473–476. IEEE Computer Society, 2007.

Anthony Cleve, Jean Henrard, and Jean-Luc Hainaut. Data reverse engineering using system dependency graphs. In Susan Elliott Sim and Massimiliano Di Penta, editors, *Proceedings of the 13th Working Conference on Reverse Engineering (WCRE 2006)*, pages 157–166. IEEE Computer Society, 2006.

Anthony Cleve. Automating program conversion in database reengineering - a wrapped-based approach. In Giuseppe Visaggio, Giuseppe Antonio Di Lucca, and Nicolas Gold, editors, *Proceedings of the 10th European Conference on Software Maintenance and Reengineering (CSMR 2006)*, pages 323–326. IEEE Computer Society, 2006.

Workshop Papers

Beyond Context-oriented Software, volume 1791 of *CEUR Workshop Proceedings*. CEUR-WS.org.

Mathieu Humblet, Dang Vinh Tran, Jens H. Weber, and **Anthony Cleve**. Variability management in database applications. In *Proceedings of the 1st International Workshop on Variability and Complexity in Software Design (VACE@ICSE 2016)*, pages 21–27. ACM, 2016.

- Kim Mens, Nicolás Cardozo, Bruno Dumas, and **Anthony Cleve**. Beyond context-oriented software. In *Post-proceedings of the 9th Seminar on Advanced Techniques and Tools for Software Evolution (SATToSE 2016)*, volume 1791 of *CEUR Workshop Proceedings*, pages 5–16. CEUR-WS.org, 2017.
- Laurence Meurant, **Anthony Cleve**, and Onno Crasborn. Using sign language corpora as bilingual corpora for data mining: Contrastive linguistics and computer-assisted annotation. In *Proceedings of the 7th workshop on the Representation and Processing of Sign Languages: Corpus Mining (@LREC 2016)*, 2016.
- Nesrine Noughi and **Anthony Cleve**. Conceptual interpretation of SQL execution traces for program comprehension. In *Proceedings of the 6th International Workshop on Program Comprehension through Dynamic Analysis (PCODA 2015)*. IEEE Computer Society Press, 2015.
- Mathieu Beine, Nicolas Hames, Jens Weber, and **Anthony Cleve**. Bidirectional transformations in database evolution: A case study ”at scale”. In K. Selçuk Candan, Sihem Amer-Yahia, Nicole Schweikardt, Vassilis Christophides, and Vincent Leroy, editors, *Proceedings of the Workshops of the EDBT/ICDT 2014 Joint Conference (EDBT/ICDT 2014)*, volume 1133 of *CEUR Workshop Proceedings*, pages 100–107. CEUR-WS.org, 2014.
- Jens Weber, **Anthony Cleve**, Loup Meurice, and Francisco Javier Bermudez. Managing technical debt in database schemas of critical software. In *Proceedings of the Sixth International Workshop on Managing Technical Debt*, pages 461–464. IEEE Computer Society, 2014.
- Marco Mori and **Anthony Cleve**. Towards highly adaptive data-intensive systems: A research agenda. In *Proceedings of First International Workshop on Variability Support in Information Systems (VarIS 2013)*, volume 148 of *Lecture Notes in Business Information Processing*, pages 386–401. Springer, 2013.
- Mathieu Acher, Benoit Baudry, Patrick Heymans, **Anthony Cleve**, and Jean-Luc Hainaut. Support for reverse engineering and maintaining feature models. In *Proceedings of the 7th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2013)*, pages 20:1–20:8. ACM, 2013.
- Marco Mori and **Anthony Cleve**. Feature-based adaptation of database schemas. In *Proceedings of the 8th International Workshop on Model-based Methodologies for Pervasive and Embedded Software (MOMPES 2012)*, volume 7706 of *Lecture Notes in Computer Science*, pages 85–105. Springer, 2013.
- Mathieu Acher, **Anthony Cleve**, Gilles Perrouin, Patrick Heymans, Philippe Collet, and Philippe Lahire. On extracting feature models from product descriptions. In *Proceedings of the 6th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2012)*, pages 45–54. ACM, 2012.
- Gabriel Tamura, Ruby Casallas, **Anthony Cleve**, and Laurence Duchien. QoS contracts-aware reconfiguration of component architectures using e-graphs. In *Post-proceedings of the 7th International Workshop on Formal Aspects of Component Software (FACS 2010)*, Lecture Notes in Computer Science, pages 34–52. Springer, 2011.
- Anthony Cleve**, Jonathan Lemaitre, Jean-Luc Hainaut, Christophe Mouchet, and Jean Henrard. The role of implicit schema constructs in data quality. In Paolo Missier, Xuemin Lin, Ander de Keijzer, and Maurice van Keulen, editors, *Proceedings of the 6th International Workshop on Quality in Databases (QDB 2008)*, volume 08 of *CTIT Workshop Proceedings Series*, pages 33–40. Centre for Telematics and Information Technology, University of Twente, 2008.
- Anthony Cleve**, Jean Henrard, and Jean-Luc Hainaut. Co-transformations in information system reengineering. In Jean-Marie Favre, Michael W. Godfrey, and Andreas Winter, editors, *Proceedings of the 2nd International Workshop on Meta-Models, Schemas and Grammars for Reverse Engineer-*

ing (*ATEM 2004*), volume 137 of *Electronic Notes in Theoretical Computer Science*, pages 5–15. Elsevier, October 2005.

Jean Henrard, **Anthony Cleve**, and Jean-Luc Hainaut. Inverse wrappers for legacy information systems migration. In Philippe Thiran and Willem-Jan van den Heuvel, editors, *Proceedings of the First International Workshop on Wrapper Techniques for Legacy Systems (WRAP 2004)*, volume 04-34 of *CS Report*, pages 30–43. Technische Universiteit Eindhoven, October 2004.

Services

Mandats internes

- 2016-2017 Membre de la commission électorale pour l'élection du recteur de l'Université de Namur
- 2016-2020 Vice-doyen de la faculté d'informatique
- 2016-2020 Membre du bureau de la faculté d'informatique, au titre de ma fonction de vice-doyen
- 2016-2020 Président des groupes de section de la faculté d'informatique (jour et horaire décalé), au titre de ma fonction de vice-doyen
- 2015-2017 Membre du conseil d'administration de l'Université de Namur, administrateur issu du corps académique
- 2015-2017 Membre de l'Assemblée générale de l'Université de Namur, au titre de ma fonction d'administrateur
- 2015-2017 Invité permanent au conseil du corps académique (COACA), au titre de ma fonction d'administrateur
- 2015-2017 Président du centre de recherche PRECISE
- 2015 Vice-président ad interim du conseil du corps académique (COACA)
- 2012-2015 Co-directeur du centre de recherche PRECISE
- 2012-2014 Président de la commission *visibilité, services et communication* de la faculté d'informatique
- 2012-2014 Représentant facultaire auprès de la *cellule de développement des relations avec l'enseignement secondaire* (CeDRES)
- 2012-2013 Membre élu du bureau de la faculté d'informatique
- 2011-2012 Membre de la commission *visibilité* de la faculté d'informatique
- 2011-2012 Directeur de l'unité d'enseignement *Conception et Développement de Systèmes d'information* de la faculté d'informatique
- 2011-2012 Membre du bureau de la faculté d'informatique, au titre de ma fonction de directeur d'unité d'enseignement

Services internes

- Organisateur de la journée d'hommage au professeur Jean-Luc Hainaut, 2016
- Organisateur de la Chaire Francqui de Michele Lanza (University of Lugano), 2015
- Organisateur des 3 premières cérémonies de diplomation de la faculté d'informatique, 2013-2015
- Membre du comité de pilotage du réseau Alumni de l'UNamur, depuis 2013
- Co-organisateur de la première "Job Day UNamur", regroupant les futurs diplômés en informatique, sciences économiques et de gestion et mathématiques de l'UNamur, 2014
- Organisateur de la Chaire Francqui de Serge Abiteboul, 2013 (INRIA et ENS Cachan)
- Organisateur du souper de retrouvailles de l'ALMIN (290 participants), 2013.
- Organisateur de la première journée *Devovx4kids* en Fédération Wallonie-Bruxelles, UNamur, 2013
- Membre de plusieurs commissions de recrutement, notamment pour l'engagement de Aude Nguyen (coordinatrice pédagogique), Catherine Bernard (responsable de l'administration facultaire), Benoit Frenay et Bruno Dumas (chargés de cours)
- Président des jurys de mémoires du Master en sciences informatiques, 2013 (horaire décalé) et 2015 (jour)

- Participation régulière aux journées portes ouvertes, visites d'écoles secondaires et salons SIEP, depuis 2011.

Services externes

- Expert pour la Cellule de Coopération au Développement de l'ARES, 2015 et 2017
- Membre de 3 commissions de recrutement pour le Service Public de Wallonie (SPW), 2015 et 2016
- Membre de l'Assemblée générale de l'ASBL Sapefun, depuis 2014

September 1, 2017