

# Publications

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## References

- [1] Rémi Felin, Olivier Corby, Catherine Faron, and Andrea Tettamanzi. Optimizing the Computation of a Possibilistic Heuristic to Test OWL 2 Sub-ClassOf Axioms Against RDF Data. In *The 21st IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology*, Niagara Falls, Canada, November 2022.
- [2] Pierre Maillot, Olivier Corby, Catherine Faron, Fabien Gandon, and Franck Michel. KartoGraphI: Drawing a Map of Linked Data. In *ESWC 2022 - 19th European Semantic Web Conferences*, Hersonissos, Greece, May 2022. Springer.
- [3] Aline Menin, Minh Nhat Do, Carla Dal Sasso Freitas, Olivier Corby, Catherine Faron Zucker, Alain Giboin, and Marco Winckler. Using Chained Views and Follow-up Queries to Assist the Visual Exploration of the Web of Big Linked Data. *International Journal of Human-Computer Interaction*, 2022.
- [4] Nadia Yacoubi Ayadi, Catherine Faron, Franck Michel, Fabien Gandon, and Olivier Corby. A Model for Meteorological Knowledge Graphs: Application to Météo-France Data. In *ICWE 2022- 22nd International Conference on Web Engineering*, 22nd International Conference on Web Engineering, ICWE 2022, Bari, Italy, July 2022.
- [5] Nadia Yacoubi Ayadi, Catherine Faron, Franck Michel, Fabien Gandon, and Olivier Corby. WeKG-MF: a Knowledge Graph of Observational Weather Data. *ESWC 2022 - 19th Extended Semantic Web Conference*, May 2022. Poster.
- [6] Aline Menin, Catherine Faron Zucker, Olivier Corby, Carla Maria Dal Sasso Freitas, Fabien Gandon, and Marco Winckler. From Linked Data

- Querying to Visual Search: Towards a Visualization Pipeline for LOD Exploration. In *WEBIST 2021 - 17th International Conference on Web Information Systems and Technologies*, Proceedings of the 17th International Conference on Web Information Systems and Technologies (WEBIST), Online Streaming, France, October 2021.
- [7] Olivier Corby, Catherine Faron, Fabien Gandon, Damien Graux, and Franck Michel. Beyond Classical SERVICE Clause in Federated SPARQL Queries: Leveraging the Full Potential of URI Parameters. In *International Conference on Web Information Systems and Technologies*, Online, Portugal, October 2021.
- [8] Franck Michel, Fabien Gandon, Valentin Ah-Kane, Anna Bobasheva, Elena Cabrio, Olivier Corby, Raphaël Gazzotti, Alain Giboin, Santiago Marro, Tobias Mayer, Mathieu Simon, Serena Villata, and Marco Winckler. Covid-on-the-Web: Graphe de Connaissances et Services pour faire Progresser la Recherche sur la COVID-19. In *IC 2021 - 32es Journées francophones d'Ingénierie des Connaissances (32st French Knowledge Engineering Conference)*, pages 1–9, Bordeaux, France, June 2021. Prix du meilleur article publié à l'international.
- [9] Aline Menin, Ricardo Cava, Carla Maria Dal Sasso Freitas, Olivier Corby, and Marco Winckler. Towards a Visual Approach for Representing Analytical Provenance in Exploration Processes. In *25th International Conference Information Visualisation (IV)*, Melbourne (on line), Australia, July 2021.
- [10] Aline Menin, Franck Michel, Fabien Gandon, Raphaël Gazzotti, Elena Cabrio, Olivier Corby, Alain Giboin, Santiago Marro, Tobias Mayer, Serena Villata, and Marco Winckler. Covid-on-the-Web: Exploring the COVID-19 Scientific Literature through Visualization of Linked Data from Entity and Argument Mining. *Quantitative Science Studies*, 2021.
- [11] Franck Michel, Fabien Gandon, Valentin Ah-Kane, Anna Bobasheva, Elena Cabrio, Olivier Corby, Raphaël Gazzotti, Alain Giboin, Santiago Marro, Tobias Mayer, Mathieu Simon, Serena Villata, and Marco Winckler. Covid-on-the-Web: Knowledge Graph and Services to Advance COVID-19 Research. In *ISWC 2020 - 19th International Semantic Web Conference*, Athens / Virtual, Greece, November 2020.
- [12] Andrei Ciortea, Simon Mayer, Simon Bienz, Fabien Gandon, and Olivier Corby. Autonomous search in a social and ubiquitous web. *Personal and Ubiquitous Computing*, May 2020.
- [13] Marie Destandau, Olivier Corby, Jean-Daniel Fekete, and Alain Giboin. Path Outlines: Browsing Path-Based Summaries of Linked Datasets. Research report: <https://hal.archives-ouvertes.fr/hal-02490218>, February 2020.

- [14] Sophie Aubin, Anne-Francoise Adam-Blondon, Michael Alaux, Mouhamadou BA, Stéphan Bernard, Pierre Bisquert, Robert Bossy, François Brun, Patrice Buche, Arnaud Castelltort, Olivier Corby, Julien Cufi, Romain David, Louise Deleger, Esther Dzale Yeumo, Catherine Faron Zucker, Garnier Eric, John Graybeal, Théo-Paul Haezebrouck, Pierre Larmande, Luc Menut, Franck Michel, Mark A. Musen, Claire Nédellec, Christian Pichot, François Pinet, Cyril Pommier, Catherine Roumet, Catherine Roussey, Konstantin Todorov, Anne Toulet, and Clement Jonquet. D2KAB project taking off: Data to Knowledge in Agronomy and Biodiversity. 14th Research Data Alliance Plenary Meeting, October 2019. One of the 3 winner of the best poster award price.
- [15] Philippe Martin, Olivier Corby, and Catherine Faron. Ontology Design Rules Based On Comparability Via Particular Relations. In *Semantics*, Karlsruhe, Germany, September 2019.
- [16] Simon Bienz, Andrei Ciortea, Simon Mayer, Fabien Gandon, and Olivier Corby. Escaping the Streetlight Effect: Semantic Hypermedia Search Enhances Autonomous Behavior in the Web of Things. In *International Conference on the Internet of Things, IoT*, Bilbao, Spain, Octobre 2019.
- [17] Franck Michel, Catherine Faron, Olivier Corby, and Fabien Gandon. Enabling Automatic Discovery and Querying of Web APIs at Web Scale using Linked Data Standards. In *WWW 2019 - LDOW/LDDL Workshop of the World Wide Web Conference*, San Francisco, United States, May 2019.
- [18] Fabien Gandon, Franck Michel, Olivier Corby, Michel Buffa, Andrea Tetamanzi, Catherine Faron, Elena Cabrio, and Serena Villata. Graph Data on the Web: extend the pivot, don't reinvent the wheel. In *W3C Workshop on Web Standardization for Graph Data - Creating Bridges: RDF, Property Graph and SQL*, Berlin, France, March 2019. W3C.
- [19] G. Kaladzavi, P. F. Diallo, C. Bere, O. Corby, I. Mirbel, M. Kolyang, and M. Lo. Ontologies-based Architecture for Sociocultural Knowledge Co-construction System. *Online Journal of Applied Knowledge Management*, 6(1), 2018.
- [20] Olivier Corby, Catherine Faron-Zucker, and Fabien Gandon. LDScript: a Linked Data Script Language. In *International Semantic Web Conference, ISWC*, Vienna, Austria, October 2017. Spotlight paper.
- [21] Raphaël Gazzotti, Olivier Corby, and Catherine Faron-Zucker. Un validateur d'ontologies par rapport à des profils OWL implémenté dans le langage STTL. In *OWL Reasoning in Practice Workshop, 28es Journées francophones d'Ingénierie des Connaissances*, Caen, July 2017.

- [22] Olivier Corby, Catherine Faron-Zucker, and Fabien Gandon. LDScript: a Linked Data Script Language. Research Report RR-8982, INRIA, November 2016. <https://hal.inria.fr/hal-01402901/file/RR-8982.pdf>.
- [23] Fabien Gandon, Raphaël Boyer, Olivier Corby, and Alexandre Monnin. Materializing the Editing History of Wikipedia as Linked Data in DBpedia. ISWC - 15th International Semantic Web Conference, Poster communication, October 2016. Best Poster nominee, <https://hal.inria.fr/hal-01359583/file/GandonEtAl.2016-v3.pdf>.
- [24] Fabien Gandon, Raphael Boyer, Olivier Corby, and Alexandre Monnin. Wikipedia Editing History in DBpedia. In *IEEE/WIC/ACM International Joint Conference on Web Intelligence (WI' 16)*, Omaha, United States, October 2016. <https://hal.inria.fr/hal-01359575>.
- [25] Abdoul Macina, Johan Montagnat, and Olivier Corby. A SPARQL Distributed Query Processing Engine Addressing both Vertical and Horizontal Data Partitions. In *32ème Conférence sur la Gestion de Données - Principes, Technologies et Applications (BDA)*, Poitiers, November 2016.
- [26] Olivier Corby and Catherine Faron-Zucker. Un langage et un serveur de transformation de graphes pour le Web de données. *Revue des Sciences et Technologies de l'Information - Série RIA : Revue d'Intelligence Artificielle*, 2016. <https://hal.inria.fr/hal-01330124>.
- [27] Olivier Corby, Catherine Faron Zucker, and Raphaël Gazzotti. Validating Ontologies against OWL 2 Profiles with the SPARQL Template Transformation Language. In *10th International Conference on Web Reasoning and Rule Systems (RR 2016)*, volume 9898 of *Lecture Notes in Computer Science*, Aberdeen, United Kingdom, September 2016. Springer. <https://hal.archives-ouvertes.fr/hal-01349382/file/rr2016.pdf>.
- [28] Papa Fary Diallo, Olivier Corby, Isabelle Mirbel, Moussa Lo, and Seydina M. Ndiaye. Ontologies-Based Platform for Sociocultural Knowledge Management. *Journal on Data Semantics*, page 23, June 2016. <https://hal.inria.fr/hal-01342912/file/JoDS16-PFDiallo.pdf>.
- [29] Olivier Corby and Catherine Faron-Zucker. FunSPARQL: Extension of SPARQL with a Functional Language. Research Report RR-8814, INRIA, December 2015. <http://hal.inria.fr/hal-01236947>.
- [30] Olivier Corby and Catherine Faron-Zucker. A Transformation Language for RDF based on SPARQL. In *Web Information Systems and Technologies - Selected Extended Papers from WEBIST 2015*. Springer-Verlag, Lecture Notes in Business Information Processing, 2015.
- [31] Olivier Corby, Catherine Faron-Zucker, and Fabien Gandon. A Generic RDF Transformation Software and its Application to an Online Translation Service for Common Languages of Linked Data. In *Proc. 14th In-*

*ternational Semantic Web Conference, ISWC*, Bethlehem, Pennsylvania, USA, October 2015.

- [32] Fuqi Song and Olivier Corby. Extended Query Pattern Graph and Heuristics-based SPARQL Query Planning. In *Proc. 19th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems*, Singapore, September 2015.
- [33] Olivier Corby and Catherine Faron-Zucker. Un navigateur pour les données liées du Web. In *Proc. 26e Journées francophones d'Ingénierie des Connaissances*, Rennes, France, July 2015. Best paper award.
- [34] Papa Fary Diallo, Olivier Corby, Isabelle Mirbel, Moussa Lo, and Seydina Moussa Ndiaye. HuTO: une Ontologie Temporelle Narrative pour les Applications du Web Sémantique. In *Proc. 26e Journées francophones d'Ingénierie des Connaissances*, Rennes, France, July 2015.
- [35] Olivier Corby and Catherine Faron-Zucker. STTL: A SPARQL-based Transformation Language for RDF. In *Proc. 11th Int. Conf. on Web Information Systems and Technologies (WEBIST)*, Lisbon, Portugal, May 2015. Best paper nominee.
- [36] Molka Dhouib, Catherine Faron-Zucker, Arnaud Zucker, Olivier Corby, Catherine Jacquemard, Isabelle Draelants, and Pierre-Yves Buard. Transformation et visualisation de données RDF à partir d'un corpus annoté de textes médiévaux latins. IHM'14, 26e conférence francophone sur l'Interaction Homme-Machine, October 2014.
- [37] Fabien Gandon, Michel Buffa, Elena Cabrio, Olivier Corby, Catherine Faron-Zucker, Alain Giboin, Nhan Le Thanh, Isabelle Mirbel, Peter Sander, Andrea G. B. Tettamanzi, and Serena Villata. Challenges in Bridging Social Semantics and Formal Semantics on the Web. In S. Hammoudi, J. Cordeiro, L. A. Maciaszek, and J. Filipe, editors, *5th International Conference, ICEIS 2013*, volume 190 of *Lecture Notes in Business Information Processing*, pages 3–15, Angers, France, 2014. Springer.
- [38] Olivier Corby and Catherine Faron-Zucker. SPARQL Template : un langage de Pretty-Printing pour RDF. In *Proc. 25e Journées francophones d'Ingénierie des Connaissances*, Clermont-Ferrand, May 2014.
- [39] Oumy Seye, Catherine Faron-Zucker, and Olivier Corby. Publication, partage et réutilisation de règles sur le Web de données. In *Proc. 25e Journées francophones d'Ingénierie des Connaissances*, Clermont-Ferrand, May 2014.
- [40] Olivier Corby, Catherine Faron-Zucker, and Fabien Gandon. SPARQL Template: A Transformation Language for RDF. Research Report RR-8514, INRIA, April 2014. <http://hal.inria.fr/hal-00969068>.

- [41] Fuqi Song and Olivier Corby. Heuristics-based SPARQL Query Planning. Research Report RR-8655, Inria, December 2014. <http://hal.inria.fr/hal-01096313>.
- [42] Luis-Daniel Ibáñez, Hala Skaf-Molli, Pascal Molli, and Olivier Corby. Col-Graph: Towards Writable and Scalable Linked Open Data. In *Proc. International Semantic Web Conference, ISWC*, Riva del Garda, Trentino, Italy, October 2014.
- [43] Papa Fary Diallo, Olivier Corby, Moussa Lo, Isabelle Mirbel, and Seydina M. Ndiaye. Sociocultural Ontology: Upper-level and Domain Ontologies. In *Proc. JFO - 5èmes Journées Francophones sur les Ontologies*, Hammamet, Tunisia, November 2014.
- [44] Luis-Daniel Ibáñez, Hala Skaf-Molli, Pascal Molli, and Olivier Corby. Making Linked Open Data Writable with Provenance Semirings. Research Report, LINA, February 2014. <http://hal.inria.fr/hal-00953654/PDF/eswc14.pdf>.
- [45] Nicolas Marie, Olivier Corby, Fabien Gandon, and Myriam Ribière. Composite Interests Exploration Thanks to Real-Time Linked Data Spreading Activation. In *Proc. 24th ACM Conference on Hypertext and Social Media*, Paris, May 2014.
- [46] Luis Daniel Ibáñez, Hala Skaf-Molli, Pascal Molli, and Olivier Corby. Live Linked Data: Synchronizing Semantic Stores with Commutative Replicated Data Types. *International Journal of Metadata, Semantics and Ontologies (IJMSO), Special Issue on Resource Discovery*, 2013.
- [47] Patrick Giroux, Olivier Corby, Jean-François Rainaud, and Florian Husson. Earth Modeling using Web Services. In Michel Perrin and Jean-François Rainaud, editors, *Shared Earth Modeling, Knowledge Based Solutions for Building and Managing Subsurface Structural Models*. Technip Editions, 2013.
- [48] Corentin Follenfant, Olivier Corby, Fabien Gandon, and David Trastour. RDF Modelling and SPARQL Processing of SQL Abstract Syntax Trees. In *Programming the Semantic Web, ISWC Workshop*, Boston, USA, November 2012.
- [49] Alban Gaignard, Johan Montagnat, Catherine Faron-Zucker, and Olivier Corby. Fédération multi-sources en neurosciences : intégration de données relationnelles et sémantiques. In *Workshop "IC pour l'Interopérabilité Sémantique dans les applications en e-Santé", 23e Journées Francophones d'Ingénierie des Connaissances, IC*, Paris, June 2012.
- [50] Alban Gaignard, Johan Montagnat, Catherine Faron-Zucker, and Olivier Corby. Semantic Federation of Distributed Neurodata. In *Data and Computer-Intensive Clinical and Translational Imaging Applications (DCICTIA), MICCAI Workshop*, Nice, October 2012.

- [51] Olivier Corby, Alban Gaignard, Catherine Faron-Zucker, and Johan Montagnat. KGRAM Versatile Data Graphs Querying and Inference Engine. In *Proc. IEEE/WIC/ACM International Conference on Web Intelligence*, Macau, December 2012.
- [52] Oumy Seye, Catherine Faron-Zucker, Olivier Corby, and Corentin Follenfant. Bridging the Gap between RIF and SPARQL: Implementation of a RIF Dialect with a SPARQL Rule Engine. In *Artificial Intelligence meets the Web of Data, ECAI Workshop*, Montpellier, August 2012.
- [53] Luis Daniel Ibáñez, Hala Skaf-Molli, Pascal Molli, and Olivier Corby. Synchronizing Semantic Stores with Commutative Replicated Data Types. In *Proc. SWCS: Semantic Web Collaborative Spaces, WWW Workshop*, Lyon, April 2012.
- [54] Catherine Domingues, Olivier Corby, and Fayrouz Soualah-Alila. Reasonner sur une ontologie cartographique pour concevoir des légendes de cartes. In *Proc. 12e Conférence Internationale Francophone sur l'Extraction et la Gestion de Connaissance, EGC*, Bordeaux, February 2012.
- [55] Oumy Seye, Olivier Corby, and Catherine Faron-Zucker. RIF-SPARQL: définition et implémentation d'un dialecte RIF à l'aide d'un moteur SPARQL. In *Proc. 12e Conférence Internationale Francophone sur l'Extraction et la Gestion de Connaissance, EGC, Poster session*, Bordeaux, February 2012.
- [56] Khalil Bouzidi, Catherine Faron-Zucker, Bruno Fies, Olivier Corby, and Nhan Le Thanh. Modélisation de documents réglementaires dans le domaine du bâtiment. In *Proc. 12e Conférence Internationale Francophone sur l'Extraction et la Gestion de Connaissance, EGC, Poster session*, Bordeaux, February 2012.
- [57] Khalil Bouzidi, Catherine Faron-Zucker, Bruno Fies, Olivier Corby, and Nhan Le Thanh. Towards a Semantic-based Approach for Modeling Regulatory Documents in Building Industry. In *Proc. 9th European Conference on Product & Process Modelling, ECPPM*, Reykjavik, Iceland, July 2012.
- [58] Khalil Bouzidi, Catherine Faron-Zucker, Bruno Fies, Olivier Corby, and Nhan Le Thanh. Aide à la rédaction de documents réglementaires dans le domaine du bâtiment. In *Proc. 23e Journées Francophones d'Ingénierie des Connaissances, IC*, Paris, June 2012.
- [59] Madalina Croitoru, Sebastian Rudolph, Nic Wilson, John Howse, and Olivier Corby, editors. *Graph Structures for Representation and Reasoning, 2nd International Workshop GKR, 2011, Revised Selected Papers*, volume 7205. Lecture Notes in Artificial Intelligence, Springer, 2012.
- [60] Fabien Gandon, Catherine Faron-Zucker, and Olivier Corby. *Web sémantique: comment lier données et schémas sur le Web ?* Dunod, May 2012. ISBN: 978-2-10-057294-6.

- [61] Pavel Arapov, Michel Buffa, Sébastien Comos, Olivier Corby, Nicolas Delaforge, Catherine Faron-Zucker, Fabien Gandon, Guillaume Husson, and Freddy Limpens. ISICIL : Intégration Sémantique d'Informations à travers des Communautés d'Intelligence en Ligne. In *Extraction et Gestion des Connaissances, EGC demo paper*, Brest, January 2011.
- [62] Guillaume Erétéo, Michel Buffa, Olivier Corby, Fabien Gandon, Mylène Leitzelman, Freddy Limpens, and Peter Sander. *Handbook of Research on Methods and Techniques for Studying Virtual Communities*, chapter Semantic Social Network Analysis, a Concrete Case. IGI Global, 2011.
- [63] Pascal Neveu, Caroline Domerg, Juliette Fabre, Vincent Nègre, Emilie Gennari, Anne Tireau, Olivier Corby, Catherine Faron-Zucker, and Isabelle Mirbel. Using Ontologies of Software: Example of R Functions Management. In *Proc. Third International Workshop on REsource Discovery, RED 2010*. LNCS, 2011.
- [64] Corentin Follenfant, David Trastour, and Olivier Corby. A Model for Assisting Business Users along Analytical Sessions. In *Proc. 2nd Workshop on Semantic Personalized Information Management: Retrieval and Recommendation, SPIM, held with ISWC*, pages 38–41, Bonn, Germany, October 2011.
- [65] Anne Tireau, Caroline Domerg, Olivier Corby, Juliette Fabre, Catherine Faron-Zucker, Emilie Gennari, Alexandre Granier, Isabelle Mirbel, Vincent Nègre, and Pascal Neveu. Using Annotations for R Functions Management. In *MOQA : Méta-données et Ontologies pour la Qualité des Annotations; JOBIM : Journées Ouvertes en Biologie, Informatique et Mathématiques*, Montpellier, September 2010.
- [66] Olivier Corby and Catherine Faron-Zucker. The KGRAM Abstract Machine for Knowledge Graph Querying. In *IEEE/WIC/ACM International Conference*, Toronto, Canada, September 2010.
- [67] Olivier Corby, Caroline Domerg, Juliette Fabre, Catherine Faron-Zucker, Alexandre Granier, Isabelle Mirbel, Vincent Nègre, Pascal Neveu, and Anne Tireau. Using Ontologies for R Functions Management. In *The R User Conference*, NIST, Gaithersburg, Maryland, USA, July 2010.
- [68] Fabien Gandon and Olivier Corby. Name that Graph. In *RDF Next Step Workshop, W3C, NCBO*, Stanford, USA, June 2010.
- [69] Olivier Corby and Catherine Faron-Zucker. La machine abstraite KGRAM et son langage GRAAL pour l'interrogation de graphes de connaissances. In *Proc. LMO, Langages et modèles à objets*, Pau, France, March 2010.
- [70] Olivier Corby and Catherine Faron-Zucker. KGRAM: une machine abstraite de graphes de connaissances. In *Proc. EGC, Extraction et Gestion des Connaissances*, Hammamet, Tunisia, January 2010.



- [71] Fabien Gandon, Talel Abdessalem, Michel Buffa, Florie Bugeaud, Sébastien Comos, Olivier Corby, Nicolas Delaforge, Guillaume Erétéo, Alain Giboin, Patrick Grohan, Frédéric Herledan, Valérie Le Meur, Mylène Leitzelman, Benoit Leloup, Freddy Limpens, Anne Merle, and Eddie Soulier. ISICIL: Information Semantic Integration through Communities of Intelligence Online. In *10th IFIP Working Conference on Virtual Enterprises*, Thessaloniki, Greece, October 2009.
- [72] Guillaume Erétéo, Michel Buffa, Fabien Gandon, and Olivier Corby. Analysis of a Real Online Social Network using Semantic Web Frameworks. In *Proc. International Semantic Web Conference, ISWC*, Washington, USA, October 2009.
- [73] Noureddine Mokhtari and Olivier Corby. Modelling and Automatic Extracting of Contextual Semantic Annotations. In *Proc. I-KNOW'09*, Graz, Austria, September 2009.
- [74] Noureddine Mokhtari and Olivier Corby. Contextual Semantic Annotations: Modelling and Automatic Extraction. In *Poster at K-CAP 2009, The Fifth International Conference on Knowledge Capture*, California, USA, September 2009.
- [75] Olivier Corby, Catherine Faron-Zucker, and Isabelle Mirbel. Implementation of Intention-Driven Search Processes by SPARQL Queries. In *Poster at Int. Conference on Enterprise Information Systems*, Milan, Italy, May 2009.
- [76] Guillaume Erétéo, Fabien Gandon, Olivier Corby, and Michel Buffa. Semantic Social Network Analysis. In *Proc. Web Science WebSci'09*, Athens, Greece, March 2009.
- [77] Martine Collard, Leila Kefi-Khelif, Van Trang Tran, and Olivier Corby. *Evolving Application Domains of Data Warehousing and Mining: Trends and Solutions*, chapter A Data Warehousing Approach for Genomics Data Meta-Analysis. IGI Global, 2009.
- [78] Olivier Corby, Catherine Faron-Zucker, and Isabelle Mirbel. Démarches sémantiques de recherche d'information sur le Web. In *Proc. Ingénierie des Connaissances IC'09*, Hammamet, Tunisia, June 2009.
- [79] Leila Kefi-Khelif, Khaled Khelif, and Olivier Corby. Une approche pour la génération d'annotations sémantiques à partir de textes biomédicaux. In *Poster at Ingénierie des Connaissances IC'09*, Hammamet, Tunisia, June 2009.
- [80] Olivier Corby, Leila Kefi-Khelif, Hacène Cherfi, Fabien Gandon, and Khaled Khelif. Querying the Semantic Web of Data using SPARQL, RDF and XML. Research Report 6847, INRIA, February 2009.

- [81] Andy Seaborne, Geetha Manjunath, Chris Bizer, John Breslin, Souripriya Das, Ian Davis, Steve Harris, Kingsley Idehen, Olivier Corby, Kjetil Kjernsmo, and Benjamin Nowack. SPARQL/Update A language for updating RDF graphs. Member Submission, W3C, July 2008. <http://www.w3.org/Submission/2008/04/>.
- [82] Gayo Diallo, Khaled Khelif, Olivier Corby, Patty Kostkova, and Gemma Madle. Semantic Browsing of a Domain Related Resources: The Corese-NeLI Framework. In *Proc. Int. Workshop on Web Information Retrieval Support Systems (held with the 2008 IEEE/WIC/ACM Int. Conference)*, Sidney, Australia, December 2008.
- [83] Khaled Khelif, Fabien Gandon, Olivier Corby, and Rose Dieng-Kuntz. Using the Intension of Classes and Properties Definition in Ontologies for Word Sense Disambiguation. In *Proc. 16th International Conference on Knowledge Engineering and Knowledge Management - Knowledge Patterns, EKAW*, pages 188–197, Acitrezza, Italy, September-October 2008.
- [84] Olivier Corby. Web, Graphs & Semantics. In *Proc. of the 16th International Conference on Conceptual Structures (ICCS'2008)*, pages 43–61, Toulouse, July 2008. Keynote speaker.
- [85] Hacène Cherfi, Olivier Corby, Catherine Faron-Zucker, and Khaled Khelif. Semantic Annotation of Texts with RDF Graph Contexts. In *Proc. of the 16th International Conference on Conceptual Structures (ICCS'2008)*, Toulouse, July 2008. <http://ceur-ws.org/Vol-354/p40.pdf>.
- [86] Jean-François Baget, Olivier Corby, Rose Dieng-Kuntz, Catherine Faron-Zucker, Fabien Gandon, Alain Giboin, Alain Gutierrez, Michel Leclère, Marie-Laure Mugnier, and Rallou Thomopoulos. Griwes: Generic Model and Preliminary Specifications for a Graph-Based Knowledge Representation Toolkit. In *Proc. of the 16th International Conference on Conceptual Structures (ICCS'2008)*, Toulouse, July 2008.
- [87] Yamine Ait Ameer, Nabil Belaid, Mohammed Bennis, Olivier Corby, Rose Dieng, Jérémie Doucy, Priscille Durville, Chimène Fankam, Fabien Gandon, Alain Giboin, Patrick Giroux, Sandrine Grataloup, Bruno Grilheres, Florian Hussson, Stéphane Jean, Joel Langlois, Phuc Hiep Luong, Laura Mastella, Olivier Morel, Michel Perrin, Guy Pierra, Jean-François Rainaud, Idir Ait Sadoune, Eric Sardet, Francis Tertre, and Joao Francisco Valiati. Semantic Hubs for Geological Projects. In *Proc. Semantic Metadata Management and Applications Workshop, Fifth European Semantic Web Conference*, Tenerife, Spain, June 2008.
- [88] Fabien Gandon, Olivier Corby, Ibrahima Diop, and Moussa Lo. Distances sémantiques dans des applications de gestion d'information utilisant le web sémantique. In *Proc. Workshop Mesures de similarités sémantique, EGC*, INRIA Sophia Antipolis - Méditerranée, January 2008. [http://www.inria.fr/sophia/axis/egc08/atelier\\_5.pdf](http://www.inria.fr/sophia/axis/egc08/atelier_5.pdf).

- [89] Olivier Corby and Catherine Faron-Zucker. Implementation of SPARQL Query Language based on Graph Homomorphism. In *Proc. of the 15th International Conference on Conceptual Structures (ICCS'2007)*, pages 472–475, Sheffield, UK, July 2007.
- [90] Olivier Corby and Catherine Faron-Zucker. RDF/SPARQL Design Pattern for Contextual Metadata. In *Proc. of IEEE/WIC/ACM International Conference on Web Intelligence*, Silicon Valley, USA, November 2007.
- [91] Fabien Gandon, Virginie Bottollier, Olivier Corby, and Priscille Durville. RDF/XML Source Declaration. In *Proc. of IADIS International Conference WWW/Internet*, Vila Real, Portugal, October 2007.
- [92] Fabien Gandon, Virginie Bottollier, Olivier Corby, and Priscille Durville. RDF/XML Source Declaration. Member Submission, W3C, September 2007. <http://www.w3.org/Submission/rdfsource>.
- [93] Hacène Cherfi, Olivier Corby, and Cyril Masia-Tissot. RDF(S) and SPARQL Expressiveness in Engineering Design Patterns. In *Proc. of IEEE/WIC/ACM International Conference on Web Intelligence*, Fremont, CA, USA, November 2007.
- [94] Olivier Corby, Rose Dieng-Kuntz, Catherine Faron-Zucker, and Fabien Gandon. Searching the Semantic Web: Approximate Query Processing based on Ontologies. *IEEE Intelligent Systems & their Applications*, 21(1):20–27, January-February 2006.
- [95] Rose Dieng-Kuntz, David Minier, Marek Ruzicka, Frédéric Corby, Olivier Corby, and Laurent Alamarguy. Building and Using a Medical Ontology for Knowledge Management and Cooperative Work in a Health Care Network. Special Issue on Medical Ontologies. *Computers in Biology and Medicine*, 36(7-8):871–892, July-August 2006.
- [96] Olivier Corby, Rose Dieng-Kuntz, Catherine Faron-Zucker, and Fabien Gandon. Ontology-based Approximate Query Processing for Searching the Semantic Web with Corese. INRIA Research Report RR-5621, INRIA, July 2006. <http://hal.inria.fr/inria-00070387/fr>.
- [97] Olivier Corby, Rose Dieng-Kuntz, Catherine Faron-Zucker, Fabien Gandon, and Alain Giboin. Le moteur de recherche sémantique Corese. In *Proc. of the Workshop Reasonner le Web sémantique avec des graphes, AFIA platform*, Nice, May 2005.
- [98] Michel Leclere, Francky Trichet, Olivier Corby, and Catherine Faron-Zucker, editors. *Proc. of the Workshop Reasonner le Web sémantique avec des graphes, AFIA platform*, Nice, May 2005.
- [99] Chaker Djaiz, Nada Matta, Olivier Corby, William Léone, and William Lesguillier. Flexibilité de la recherche d'information dans les projets de

- conception. In *Proc. of the Workshop Raisonner le Web sémantique avec des graphes, AFIA platform*, Nice, May 2005.
- [100] Chaker Djaiz, Nada Matta, and Olivier Corby. L'accès contextuel à l'information dans les projets de conception. In *Proc. 7èmes journées doctorales informatique et réseau, JDIR*, UTT Troyes, December 2005.
- [101] Rose Dieng-Kuntz and Olivier Corby. Conceptual Graphs for Semantic Web Applications. In F. Dau, M.-L. Mugnier, and G. Stumme, editors, *Conceptual Structures: Common Semantics for Sharing Knowledge, Proc. of the 13th Int. Conference on Conceptual Structures (ICCS'2005)*, pages 19–50, Kassel, Germany, July 17-23 2005. Springer-Verlag, LNAI 3596.
- [102] Rose Dieng-Kuntz, Olivier Corby, Fabien Gandon, Alain Giboin, Joanna Golebiowska, Nada Matta, and Myriam Ribière. *Knowledge management: Méthodes et outils pour la gestion des connaissances, 3rd edition*. DUNOD, October 2005.
- [103] Fabien Gandon, Olivier Corby, Alain Giboin, Nicolas Gronnier, and Cécile Guigard. Graph-based inferences in a Semantic Web Server for the Cartography of Competencies in a Telecom Valley. In *Proc. International Semantic Web Conference, ISWC*, Galway, November 6-10 2005. Springer, Lecture Notes in Computer Science.
- [104] Fabien Gandon, Moussa Lo, Olivier Corby, and Rose Dieng-Kuntz. Managing Enterprise Applications as Dynamic Resources in Corporate Semantic Webs: an Application Scenario for Semantic Web Services. In *Online Proceedings of W3C Workshop on Frameworks for Semantics in Web Services*, Innsbruck, June 9-10 2005. W3C.
- [105] Fabien Gandon, Olivier Corby, Rose Dieng-Kuntz, and Alain Giboin. Proximité conceptuelle et distances de graphes. In *Proceedings of Workshop Raisonner le Web Sémantique avec des Graphes, Plate-forme AFIA*, Nice, May 31 2005.
- [106] Alain Giboin, Fabien Gandon, Nicolas Gronnier, Cécile Guigard, and Olivier Corby. Comment ne pas perdre de vue les usage(r)s dans la construction d'une application à base d'ontologies ? retour d'expérience sur le projet KmP. In M.C. Jaulent, editor, *Actes des 16e Journées franco-phones d'Ingénierie des connaissances (IC'2005)*, pages 133–144, Grenoble. France, 2005. PUG.
- [107] Marek Ruzicka, Rose Dieng-Kuntz, David Minier, and Olivier Corby. Cooperative Work in a Health Care Network Through a Virtual Staff. In Rose Dieng-Kuntz and Nada Matta, editors, *Proceedings of IJCAI'2005 Workshop on Knowledge Management and Organizational Memories*, Edinburgh, UK, August 1st 2005.

- [108] Olivier Corby, Rose Dieng-Kuntz, and Catherine Faron-Zucker. Querying the Semantic Web with Corese Search Engine. In R. Lopez de Mantaras and L. Saitta, editors, *Proc. of the 16th European Conference on Artificial Intelligence (ECAI'2004), Prestigious Applications of Intelligent Systems*, pages 705–709, Valencia, Spain, August 22-27 2004.
- [109] Rose Dieng-Kuntz, Olivier Corby, Fabien Gandon, and Joanna Golebiowska. Ontologies pour la construction d'un web sémantique d'entreprise. In Benoît Eynard, Muriel Lombard, Nada Matta, and Jean Renaud, editors, *Management des Connaissances en Entreprise*, chapter 1, pages 27–43. Hermès, Traité IC2, ISBN 2-7462-0952-7, 2004.
- [110] Rose Dieng-Kuntz, David Minier, Frédéric Corby, Olivier Corby, Laurent Alamarguy, and Phuc-Hiep Luong. Exploitation d'ontologies pour la gestion des connaissances et le travail collaboratif dans un réseau de soin. In *Web Sémantique Médical (WSM'2004)*, Rouen, March 2004.
- [111] Rose Dieng-Kuntz, David Minier, Frédéric Corby, Olivier Corby, Laurent Alamarguy, and Phuc-Hiep Luong. Ontologie médicale et staff virtuel pour un réseau de soins. In Nada Matta, editor, *Actes des 15èmes journées francophones d'Ingénierie des Connaissances (IC'2004)*, pages 17–28, Lyon, May 2004. PUG.
- [112] Rose Dieng-Kuntz, David Minier, Marek Ruzicka, Frédéric Corby, Olivier Corby, Laurent Alamarguy, and Phuc-Hiep Luong. Medical Ontology and Virtual Staff for a Health Network. In Enrico Motta, Nigel Shadbolt, Arthur Stutt, and Nick Gibbins, editors, *Engineering Knowledge in the Age of the Semantic Web: Proceedings of the 14th International Conference on Knowledge Engineering and Knowledge Management, EKAW 2004*, pages 187–202, Whittlebury Hall, UK, October 5-8 2004. Springer-Verlag Heidelberg, Lecture Notes in Computer Science 3257, ISBN: 3-540-23340-7.
- [113] Rose Dieng-Kuntz, Khaled Khelif, Olivier Corby, and Pascal Barbry. Semantic Web Technologies for Analysis of Transcriptome. In *Proc. W3C workshop on Semantic Web for Life Sciences*, Cambridge, Massachusetts USA, October 2004.
- [114] Olivier Corby and Catherine Faron-Zucker. Corese: A Corporate Semantic Web Engine. In *Proc. International Workshop on Real World RDF and Semantic Web Applications, 11th International World Wide Web Conference*, Hawaii, USA, May 2002.
- [115] Rim Al-Hulou, Olivier Corby, Rose Dieng-Kuntz, Jérôme Euzenat, Carolina Medina-Ramirez, Amedeo Napoli, and Raphaël Troncy. Three Knowledge Representation Formalisms for Content-Based Manipulation of Documents. In *Proceedings of the Knowledge Representation Workshop on Formal Ontology, Knowledge Representation and Intelligent Systems for the World Wide Web (SemWeb)*, Toulouse, France, 2002.

- [116] Rim Al-Hulou, Olivier Corby, Rose Dieng-Kuntz, Jérôme Euzenat, Carolina Medina-Ramirez, Amedeo Napoli, and Raphaël Troncy. Une plateforme XML pour représenter des documents et leur contenu pour la mise en oeuvre du web sémantique. In *Journées scientifiques Web sémantique*, Paris, France, 2002.
- [117] Fabien Gandon, Rose Dieng-Kuntz, Olivier Corby, and Alain Giboin. Semantic Web and Multi-Agents Approach to Corporate Memory Management. In Marc Musen, B. Neumann, and Rudi Studer, editors, *Proceedings of the 17th IFIP World Computer Congress IIP Track - Intelligent Information Processing*, pages 103–115, Montréal, Canada, August 2002.
- [118] Fabien Gandon, Rose Dieng-Kuntz, Olivier Corby, and Alain Giboin. Web sémantique et approche multi-agents pour la gestion d’une mémoire organisationnelle distribuée. In *Actes de la 13ème conférence francophone sur l’Ingénierie des Connaissances*, pages 15–26, Rouen, May 2002.
- [119] Fabien Gandon, Rose Dieng-Kuntz, Alain Giboin, and Olivier Corby. Système d’information multi-agents pour une mémoire organisationnelle annotée en RDF. *L’Objet, Systèmes Distribués et Connaissances*, 8(4):11–46, 2002.
- [120] Alain Giboin, Fabien Gandon, Olivier Corby, and Rose Dieng. User Assessment of Ontology-based Tools: A Step Towards Systemizing the Scenario Approach. In *Proceedings of EON’2002: Evaluation of Ontology-based Tools, OntoWeb-SIG3 Workshop at the 13th International Conference on Knowledge Engineering and Knowledge Management EKAW 2002*, pages 66–73, SigàEenza, Spain, September 2002.
- [121] Joanna Golebiowska, Rose Dieng-Kuntz, Olivier Corby, and D. Mousseau. Ontologies au service de la mémoire d’un projet-véhicule et de la recherche d’information. *Document Numérique*, 5(3-4):173–192, 2002.
- [122] Joanna Golebiowska, Rose Dieng-Kuntz, Olivier Corby, and D. Mousseau. Samovar: Using Ontologies and Text-Mining for Building an Automobile Project Memory . In *Knowledge Management and Organizational Memories*, pages 89–102. Kluwer Academic Publishers, July 2002.
- [123] Carolina Medina-Ramirez, Rose Dieng-Kuntz, and Olivier Corby. Querying a Heterogeneous Corporate Semantic Web: a Translation Approach. In *Proc. EKAW 2002 International Workshop on "Knowledge Management through Corporate Semantic Webs"*, pages 53–63, Siguenza, Spain, October 2002.
- [124] Carolina Medina-Ramirez, Olivier Corby, and Rose Dieng-Kuntz. A Conceptual Graph and RDF(S) Approach for Representing and Querying Document Content. In Francisco J. Garijo, José C. Riquelme, and Miguel

Toro, editors, *Advances in Artificial Intelligence IBERAMIA 2002, Proceedings of the 8th International Ibero-American Conference on AI*, pages 121–130, Séville, Spain, November 2002. Springer-Verlag, LNAI 2527.

- [125] Rose Dieng-Kuntz, Olivier Corby, Fabien Gandon, Alain Giboin, Joanna Golebiowska, Nada Matta, and Myriam Ribière. *Méthodes et outils pour la gestion des connaissances: une approche pluridisciplinaire du knowledge management (2nd edition)*. Dunod, (ISBN 2 10 006300), INFORMATIQUES, Série Systèmes d’information, 2001.
- [126] Joanna Golebiowska, Rose Dieng-Kuntz, Olivier Corby, and D. Mousseau. Exploitation des ontologies pour la mémoire d’un projet-véhicule. In *Actes des 4èmes Rencontres Terminologie et Intelligence Artificielle (TIA 2001)*, pages 170–179, Nancy, France, May 2001.
- [127] Joanna Golebiowska, Rose Dieng-Kuntz, Olivier Corby, and D. Mousseau. Building and Exploiting Ontologies for an Automobile Project Memory. In *IJCAI’2001 Workshop on “Knowledge Management and Organizational Memories”*, Seattle, Washington, USA, August 2001. Also in H. Stuckenschmidt ed, *Proc. of the IJCAI’2001 Workshop on “Ontologies and Information Sharing”*.
- [128] Joanna Golebiowska, Rose Dieng-Kuntz, Olivier Corby, and D. Mousseau. Building and Exploiting Ontologies for an Automobile Project Memory. In *Proc. of the First International Conference on Knowledge Capture (K-CAP 2001)*, Victoria, Canada, October 2001.
- [129] Olivier Corby, Rose Dieng, and Cédric Hebert. A Conceptual Graph Model for W3C Resource Description Framework. In Bernhard Ganter and Guy W. Mineau, editors, *Conceptual Structures: Theory, Tools and Applications, Proc. of the 8th Int. Conference on Conceptual Structures (ICCS’2000)*, pages 468–482, Darmstadt, Germany, August 2000. Springer-Verlag, LNAI n. 1867.
- [130] Alain Giboin, Olivier Corby, Rose Dieng, and Fabien Gandon. Mettre du sens dans un Web d’entreprise. In *PEC’2000. Colloque International de Psychologie et Ergonomie Cognitive des systèmes techniques complexes*, Rouen, June 2000.
- [131] Rose Dieng, Olivier Corby, Alain Giboin, Joanna Golebiowska, Nada Matta, and Myriam Ribière. *Méthodes et outils pour la mémoire d’entreprise*. Dunod, (ISBN 2 100045741), INFORMATIQUES, Série Stratégies et systèmes d’information, 2000.
- [132] Rose Dieng and Olivier Corby, editors. *Knowledge Engineering and Knowledge Management: Methods, Models and Tools, Proc. of the 12th International Conference, EKAW’2000*, Juan-les-Pins, 2-6 october 2000. Springer-Verlag, LNAI n.1937.

- [133] Fabien Gandon, Rose Dieng, Olivier Corby, and Alain Giboin. A Multi-Agent System to Support Exploiting an XML-based Corporate Memory. In Ulrich Reimer, editor, *Proc. of the Third International Conference on Practical Aspects of Knowledge Management (PAKM2000)*, Basel, Suisse, October 2000.
- [134] Nada Matta, Myriam Ribière, Olivier Corby, Myriam Lewkowicz, and Manuel Zacklad. Project Memory in Design. In Rajkumar Roy, editor, *Industrial Knowledge Management - A Micro Level Approach*. Springer-Verlag, 2000.
- [135] Nada Matta and Olivier Corby. Conflict Management in Concurrent Engineering: Modelling Guides. In H.J. Muller and R. Dieng, editors, *Computational Conflicts, Conflict Modeling for Distributed Intelligent Systems*. Springer, 2000.
- [136] Philippe Perez, Hervé Karp, Rose Dieng, Olivier Corby, Alain Giboin, Fabien Gandon, Joel Quinqueton, Agostino Poggi, Giovanni Rimassa, Claudio Fieta, Juergen Mueller, and Joaquim Hackstein. Corporate Memory Management through Agents. In B. Stanford-Smith and P. T. Kidd, editors, *Proc. of the E-business and E-work Conference*, pages 360–366, Madrid, Spain, October 2000. IOS Press.
- [137] Auguste Rabarijaona, Rose Dieng, Olivier Corby, and Rajae Ouaddari. Building and Searching a XML-based Corporate Memory. *IEEE Intelligent Systems and their Application, Special Issue on Knowledge Management and the Internet*, pages 56–63, May/June 2000.
- [138] Olivier Corby and Rose Dieng. The WebCokace Knowledge Server. *IEEE Internet Computing*, 3(6):38–43, December 1999.
- [139] Rose Dieng, Olivier Corby, Alain Giboin, and Myriam Ribière. Methods and Tools for Corporate Knowledge Management. *International Journal of Human-Computer Studies*, 51:567–598, 1999.
- [140] Nada Matta, Myriam Ribière, and Olivier Corby. Définition d’un modèle de mémoire de projet. Rapport de Recherche 3720, INRIA, Sophia Antipolis, June 1999.
- [141] Nada Matta, Olivier Corby, and Myriam Ribière. Méthodes de capitalisation de mémoire de projet. Rapport de Recherche 3819, INRIA, Sophia Antipolis, November 1999. Egalement Rapport Final du contrat GENIE.
- [142] A. Rabarijaona, R. Dieng, and Olivier Corby. Exploitation of XML for Corporate Knowledge Management. In Dieter Fensel and Rudi Studer, editors, *Knowledge Acquisition, Modeling, and Management, Proc. of the 11th European Workshop, EKAW’99*, pages 373–378, Dagstuhl Castle, Allemagne, May 1999. Springer-Verlag, LNAI 1621.



- [143] A. Rabarijaona, R. Dieng, and Olivier Corby. Building a XML-based Corporate Memory. In John Debenham, Stefan Decker, Rose Dieng, Ann Macintosh, Nada Matta, and Ulrich Reimer, editors, *Proc. of the IJ-CAI'99 Workshop on Knowledge Management and Organizational Memories*, Stockholm, Sweden, July 1999.
- [144] Rose Dieng, Olivier Corby, Alain Giboin, and Myriam Ribière. Methods and Tools for Corporate Knowledge Management. In B. Gaines and M. Musen, editors, *Workshop on Knowledge Acquisition, Modeling and Management, KAW*, Banff, Alberta, Canada, April 1998.
- [145] Olivier Corby and Rose Dieng. WebCokace: A CommonKADS Expertise Model Web Server. In *Workshop on Knowledge Acquisition, Modeling and Management, KAW, System demonstration paper*, Banff, Alberta, Canada, April 1998. <http://ksi.cpsc.ucalgary.ca/KAW/KAW98/corby/>.
- [146] Rose Dieng, Olivier Corby, Alain Giboin, and Myriam Ribière. Methods and Tools for Corporate Knowledge Management. Rapport de Recherche 3485, INRIA, Sophia Antipolis, September 1998. Also in <http://www.inria.fr/RRRT/RR-3485.html>.
- [147] Nada Matta, C. Ros, and Olivier Corby. A Generic Library to Guide Decision Making in Concurrent Engineering. In *Proceedings of Tools and Methods for Concurrent Engineering*, Manchester, April 1998.
- [148] Nada Matta, Olivier Corby, and B. Prasad. A Generic Library of Knowledge Components to Manage Conflicts in CE Tasks. *Concurrent Engineering Research and Applications (CERA) Journal*, 6(4), December 1998.
- [149] Nada Matta, Myriam Ribière, and Olivier Corby. Définition d'un modèle de mémoire de projet. Technical Report 3720, INRIA, 1998.
- [150] Rose Dieng, Alain Giboin, Christelle Amergé, Olivier Corby, Sylvie Després, Laurence Alpay, Sofiane Labidi, and Stéphane Lapalut. Building of a Corporate Memory for Traffic-Accident Analysis. *AI Magazine*, 19(4):81–101, December 1998.
- [151] Olivier Corby and Rose Dieng. A CommonKADS Expertise Model Web Server. In J.-P. Barthès, editor, *Proc. 5th Int. Symposium on the Management of Industrial and Corporate Knowledge (ISMICK'97)*, pages 97–117, Compiègne, France, October 1997. IIIA.
- [152] Nada Matta and Olivier Corby. Modèles génériques de gestion de conflits dans la conception concurrente. Rapport de Recherche 3071, INRIA, Sophia Antipolis, December 1996.
- [153] Olivier Corby, Rose Dieng, and Stéphane Lapalut. Acquisition de connaissances qualitatives : application aux topoi. In Y. Raccach, editor, *Topoi et Gestion des connaissances*, chapter 7, pages 105–127. Masson, March 1996.

- [154] Olivier Corby and Rose Dieng. Cokace: a Centaur-based environment for CommonKADS Conceptual Modelling Language. In W. Wahlster, editor, *Proc. of the 12th European Conference on AI (ECAI'96)*, pages 418–422, Budapest, Hungary, August 1996. John Wiley & Sons, Ltd.
- [155] R. Dieng, A. Giboin, C. Amergé, Olivier Corby, S. Després, L. Alpay, S. Labidi, and S. Lapalut. Building of a Corporate Memory for Traffic Accident Analysis. In *Proceedings of the 10th Banff Knowledge Acquisition for Knowledge-Based Systems Workshop (KAW'96)*, Banff, Canada, November 1996. Also in <http://ksi.cpsc.ucalgary.ca/KAW/KAW96/KAW96Proc.html>.
- [156] Rose Dieng, Olivier Corby, and Stéphane Lapalut. Acquisition and Exploitation of Gradual Knowledge. *International Journal of Human-Computer Studies*, 42(5):465–499, May 1995.
- [157] Christelle Amergé and Olivier Corby. Acquisition de connaissances pour des explications en contexte d'évaluation : application à une tâche de conception. In *Proc. ERGO-IA '94*, Biarritz, October 1994.
- [158] Stéphane Boyera, Paul-André Tourtier, and Olivier Corby. Simuler le comportement macroscopique d'un modèle conceptuel d'expertise. In *Proc. 5èmes Journées d'Acquisition des Connaissances (JAC-94)*, Strasbourg, March 1994.
- [159] Rose Dieng, Olivier Corby, and S. Labidi. Agent-Based Knowledge Acquisition. In L. Steels, G. Schreiber, and W. Van de Velde, editors, *A Future for Knowledge Acquisition: Proc. of the 8th European Knowledge Acquisition Workshop, EKAW'94*, pages 63–8. Springer-Verlag, Hoegaarden, Belgium, September 1994.
- [160] Rose Dieng, Olivier Corby, and Sofiane Labidi. Expertise Conflicts in Knowledge Acquisition. In *Proc. of the 8th International Workshop on Knowledge Acquisition for Knowledge Based Systems (KAW-94)*, Banff, Canada, January 30 - February 4 1994.
- [161] Rose Dieng, Olivier Corby, and Stéphane Lapalut. Acquisition of Gradual Knowledge. In N. Aussenac, G. Boy, B. Gaines, M. Linster, J.-G. Ganascia, and Y. Kodratoff, editors, *Knowledge Acquisition for Knowledge-Based Systems : EKAW-93*, pages 407–426. Springer-Verlag, Berlin/Heidelberg, September 1993.
- [162] Rose Dieng and Olivier Corby. Towards a Library of Generic Explanations. In *Proc. of the IJCAI Workshop on Explanation and Problem Solving*, Chambéry, August 1993.
- [163] Rose Dieng, Olivier Corby, Sofiane Labidi, and Paul-André Tourtier. A Model of Cognitive Agent for the Design of a Cooperative, Explanatory System. In *The CKBS-SIG Workshop on Cooperating Knowledge Based Systems*, Keele University, UK, September 1993.

- [164] Olivier Corby. NMS : Un module multi-spécialistes pour le générateur de systèmes experts Smeci. Technical Report 146, INRIA, 1992.
- [165] Rose Dieng, Alain Giboin, Paul-André Tourtier, and Olivier Corby. Knowledge Acquisition for Explainable, Multi-Expert, Knowledge-Based Design Systems. In *Proc. European Knowledge Acquisition Workshop, EKAW*, pages 298–317, 1992.
- [166] F. Allez, J. Palfart, M. P. Joubert, J.-P. Labat, Olivier Corby, and B. Neveu. ERASME: A Multi-Expert System for Pavement Assessment and Rehabilitation. *Transportation Research Journal*, 24A(1), 1990.
- [167] Frédéric Allez, J. Palfart, Marcel Pugelli, P. Joubert, J.-P. Labat, Alain Meller, Olivier Corby, and Bertrand Neveu. Erasme : Benefits, Costs and Objectives Assessment after Extensive Field Testing. In *Proc. of Innovative Applications of Artificial Intelligence, IAAI 90*, Georgetown University, Washington DC, May 1990.
- [168] Bertrand Neveu, Brigitte Trousse, and Olivier Corby. SMECI : an Expert System Shell that fits Engineering Design. In *Proc. of 3er Symposium Internacional de Inteligencia Artificial*, Monterrey, N.L., Mexique, 1990.
- [169] Jean-Luc Antoine, Olivier Corby, and Marcel Pugelli. ERASME A Multi Expert System for Pavement Rehabilitation. In *Proc. of the Int. Conf. on Applications of Advanced Technologies in Transportation Engineering*, San Diego, California, USA, 1989.
- [170] Olivier Corby. A Formalism for Inference Rule Control. In *Proc. of the CWI-INRIA-GMD Workshop on Theoretical and Pragmatic Issues of Programming*, Bonn, RFA, 1989.
- [171] Olivier Corby. Inference Rule Control: a Dedicated Language and its Semantics. In *Proc. of the Symposium franco-japonais INRIA-ICOT*, Japan, 1989.
- [172] Olivier Corby, Sabine Moisan, and Bertrand Neveu. Un formalisme pour le contrôle des règles d'inférences de systèmes experts. In *Proc. 7ème congrès RFIA, Reconnaissance des Formes et Intelligence Artificielle*, Paris, November 1989.
- [173] Olivier Corby. *Un tableau réflexif pour la coopération de bases de connaissances*. PhD thesis, University of Nice, 1988.
- [174] Marc Fajon and Olivier Corby. ERASME : entretien routier assisté par système multi-experts. In *Proc. 8èmes Journées Internationales sur les systèmes experts et leurs applications*, Avignon, France, June 1988.
- [175] Olivier Corby. BB1 en SMECI. In *Proc. 6ième congrès RFIA*, pages 581–586, Antibes, 1987.

- [176] Rose Dieng, Olivier Corby, and Pierre Haren. Explanatory Knowledge Tools for Expert Systems. In Sriram and Adey, editors, *AI in Engineering: Tools and Techniques. Proc. of the 2nd International Conference on Applications of Artificial Intelligence to Engineering Problems*, pages 321–333, Cambridge, MA, USA, August 1987.
- [177] Rose Dieng, Olivier Corby, and Pierre Haren. Un système expert explicateur. In *Proc. Cognitiva 1987*, pages 219–224, Paris, May 1987.
- [178] Olivier Corby. Blackboard Architectures in Computer Aided Engineering. *Int. Journal for AI in Engineering*, 1(2):95–98, 1986.
- [179] Pierre Haren, Bertrand Neveu, Jean-Patrick Giacometti, Manuel Montalban, and Olivier Corby. SMECI: Cooperating Expert Systems for Civil Engineering Design. *SIGART Newsletter*, pages 67–69, April 1985.
- [180] Pierre Haren, Bertrand Neveu, Olivier Corby, and Manuel Montalban. MEPAR : un moteur d’inférence pour la conception en ingénierie. In *Proc. 5th RFIA*, pages 1273–1280, Grenoble, November 1985.