

FATIHA SAÏS

PHD IN COMPUTER SCIENCE
ASSOCIATE PROFESSOR (MAÎTRE DE CONFÉRENCES) IN COMPUTER SCIENCE

Member of Large-scale Heterogeneous DATA and Knowledge (LaHDAK) team of LRI–Laboratoire de Recherche en Informatique (LRI, UMR CNRS 8623) of Paris Sud University. Since September 2016, I am the head of Data and Knowledge Integration research activity in LaHDAK team.

CONTACT INFORMATION

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EDUCATION

- 2007 : PhD (Doctorat) in Computer Science.

[1] Dissertation title: **Semantic Data Integration driven by an Ontology**. Fatiha Saïs, PhD of Paris Sud University, December 2007, France. Supervisers: Nathalie Pernelle and Marie Christine Rousset.

- 2004: Master 2 Research in Computer Science of Paris Sud University, France.
- 2003: Licence and Master 1 in Computer Science of Aix-Marseille 1 University, France.
- 2001: DUT (two-years Diploma) in Computer Science of IUT de Lens – Artois University, France.

PROFESSIONAL EXPERIENCE

- 09/2008–present: **Associate Professor (Maître de Conférences)** in Computer Science, at LRI–Laboratoire de Recherche en Informatique (CNRS and Paris Sud University), France.
- 01/2008–08/2008: **Post-doc** in Computer Science, at the Laboratoire d’Informatique, de Robotique et de Microelectronique de Montpellier (LIRMM), Montpellier 2 University, France.
- 10/2004–12/2007: **PhD candidate** in Computer Science, at LRI (Laboratoire de Recherche en Informatique) INRIA Saclay and Paris Sud University, France.

RESEARCH ACTIVITY

- **PhD candidate co-supervision**

– *Co-supervision 25%* with Juliette Dibie (Full Professor at AgroParisTech), Liliana Ibanescu (Associate Professor at AgroParisTech) and Nathalie Pernelle (Associate Professor at Paris Sud University and member of LRI) of the PhD thesis of Joe Raad (October 2015– October 2018). The PhD subject concerns *automatic discovery of multi-scale semantic links from scientific data*.

Current position: PhD candidate funded by LIONES project supported by the Center of Data Science (CDS) of Paris Saclay.

- *Co-supervision 50%* with Nathalie Pernelle (Associate Professor at Paris Sud University and member of LRI) of the PhD thesis of Danai Symeonidou (Octobre 2011– Octobre 2014). The PhD subject concerned *automatic discovery of key constraints from RDF datasets*.
Current position: Researcher (Chargée de Recherche) at INRA (Institut National pour la Recherche Agronomique).
- *Co-supervision 50%* with Pascal Poizat (Full Professeur at Paris Oest Nanterre la Défense University and member of LIP6 lab) of the PhD thesis of Rania Khefifi (December 2010– September 2014). The PhD subject concerned *Personal Information Representation and Management*. PhD subject supported by the ANR PIMI (ANR VERSO 2010–2013) project.
Current position: Software engineer in a Research and Development company.

- **Co-supervision of Master 2 Research students**

- *Co-supervision 50%* with Rallou Thomopoulos (Researcher at INRA) of Ioanna Giannopoulos, Master 2 research in Computer Science of Paris Dauphine University (2014).
Master thesis: Data Fusion based on Data Quality assessment.
- *Co-supervision 50%* with Lilian Ibanescu (Associate Professor at AgroParisTech) of Hiba Hajri, Master 2 research in Computer Science Paris 1 University (2014).
Master thesis: Language definition for ontology evolution representation.
- *Co-supervision 50%* with Nathalie Pernelle (Associate Professor at l’IUT de Sceaux, Paris Sud University) of Maria Koutraki, *Master 2 research in Computer Science of University of Crete*(2012).
Master thesis: Identity link discovery by considering not-aligned properties.
- *Co-supervision 50%* with Nathalie Pernelle (Associate Professor at l’IUT de Sceaux, Paris Sud University) of Danai Symeonidou *Franco-Hellenic Master of the University of Crete and Paris Sud University* (2011).
Master thesis: *Automatic discovery of key constraints for Data linking*.
- *Co-supervision 33%* with Patrice Buche (Research engineer at INRA) and Juliette Dibie-Barthélemy (Associate Professor HDR at INRA- AgroParisTech) of Rania Khefifi, *Master 2 research in Computer Science of Paris Dauphine University* (2010).
Master thesis: *Reconciliation of uncertain data tables coming from heterogeneous sources*.
- *Co-supervision 50%* with Nathalie Pernelle (Associate Professor at IUT de Sceaux, Paris Sud University) of Souhir Gahbiche, *Master 2 research in Computer Science of Paris Sud University* (2009).
Master thesis: *Explanation of reconciliation decisions obtained by a numerical method for data linking*.

- **Co-supervision of software engineers and post-docs**

- *Co-supervision 50%* of the post-doctoral project of Laura Papaleo (January 2014 – June 2016), in the setting of the ANR project Qualinca.
Project subject: SameAs link Invalidation and Requalification in the Linked Open Data.
- *Participation to the Co-supervision* of the engineering project of Cyril Dumont in the setting of the Digiteo project OMTE (Opération de Maturation maturation Technico-Economique), LaHDAK-Tools (2013-2014).
Project subject: Integration and Maturation of LN2R-LT data linking tool in the LaHDAK-Tools plateforme.
- *Co-supervision 50%* with Nathalie Pernelle (Associate Professor l’IUT de Sceaux, Paris Sud University) of the engineering project of Tushar Ghosh in the setting of the ADT (Aide au Développement Technologique) OD-Map (2011-2012) supported by INRIA Saclay.
Project subject: Linking of RDF data conforming to different ontologies.

- *Supervision 100%* of the engineering project of Nobal Niraula in the setting of ANR GeOnto project in 2010.
Project subject: Software development of LN2R – a logical and a numerical approach for reference reconciliation.

ORGANIZATIONAL ACTIVITIES

- Co-editor of the special issue of the French journal ISI (Ingénierie des Systèmes d’Informations): *Web of Data: publishing, linking and capitalisation*, Hermann Editions 2016.
- Co-editor of the special issue of the French journal RNTI (Revue des Nouvelles Technologies de l’Information): *Des Sources Ouvertes au Web de Données*, Hermann Editions 2014.
- Co-editor of the special issue of the French journal RNTI (Revue des Nouvelles Technologies de l’Information): *Mesurer et évaluer la Qualité des Données et des Connaissances*, Hermann Editions 2012.
- Co-chair of the workshop "*From Open Sources to Web of Data*" (SoWeDo) co-located with the french conference IC (Ingénierie des Connaissances) 2014 and 2016.
- Co-chair of the project workshop of the *Action Line Digital Cities* of EIT –European Institute of Innovation and Technology–ICT Labs, project funded by the European Community in 2012.
- Co-chair of the workshop "*From Open Sources to Web of Data*" (SOS-DLWD) co-located with the french conference EGC (Extraction et Gestion de Connaissances) 2012 and with the french conference IC 2013.
- Co-chair of the workshop "*Evaluation of the methodes of knowledge extraction from data*" (EvalECD) co-located with the french conference EGC 2009, 2010 and 2011.

SCIENTIFIC PROJECT MANAGEMENT

CNRS PEPS project RD2C (2016).

Scientific responsible of the CNRS PEPS project RD2C that aims at developing methods that are able to discover rules in order to improve the completeness and the consistency of scientific knowledge bases.

ANR project Qualinca (2012-2016).

Scientific responsible for LRI of the ANR project Qualinca. Qualinca is a research project that looks at developing mechanisms allowing to quantify the quality level of a bibliographical knowledge base, to improve the afore mentioned quality level, to maintain the quality when updating the knowledge base and to exploit the knowledge bases taking into account their quality levels. The project started in April 2012 and ended in September 2016.

Collaboration project HEDI (2009-2010).

Scientific co-responsible of the project HEDI–*Heterogeneous Electronic Data Integration* in collaboration with *Thales Corporate Services* during the period 2009-2010.

SCIENTIFIC PROJECT PARTICIPATION

ANR Project PIMI (2010-2013).

The objectives of the PIMI project (Personal Information Management through Internet) are the definition of a model-based design environment and a deployment platform for Personal Information Management System (PIMS).

DataBridges activity (2011-2012) of European EIT ICT Labs.

This project is devoted to research on data integration in particular through the technologies and models of Open data, with a particular interest in applications connected to the Digital Cities.

ANR Project GeOnto (2008-2011).

The objective of the GEONTO (Construction, alignment and exploitation of geographic ontologies) project is to make data in the geographic domain interoperate. We focus on two main goals. On one hand, we aim at integrating heterogeneous geographic databases using schema matching techniques. On the other hand, we aim at querying a large collection of textual documents which are more various and for a larger readership.

PARTICIPATION TO PROGRAM COMMITTEES

International journals, conferences and workshops

- European Conference on Artificial Intelligence ECAI 2016
- International journal, LNCS volume of Fifth International Workshop of Resource Discovery in 2012
- International Conference on Conceptual Structures ICCS 2014 and 2016
- IJCAI International Workshop on Graph Structures for Knowledge Representation and Reasoning in 2015
- International Conference on Information Systems and Economic Intelligence in 2012
- International Conference on Advances in Databases, Knowledge, and Data Applications 2013 and 2014
- International Workshop on Resource Discovery co-located with the international conference ESWC 2011, 2012, 2013 and 2014.
- OTM Academy PhD workshop from 2009 to 2014.

National conferences and workshops

- Conférence Francophone sur l'Extraction et la Gestion de Connaissances EGC in 2011, 2012, 2013, 2014, 2015, 2016 and 2017.
- Atelier Qualité des Données du Web à la conférence EGC 2016
- Atelier IN-OVIVE associé à la conférence IC 2013, 2014 and 2015.
- Atelier Gestion et Analyse des données Spatiales et Temporelles à la conférence EGC 2014 and 2015
- Atelier "Constitution, enrichissement et exploitation de ressources GEOgraphiques" pour l'analyse de données à la conférence EGC 2014

REVIEWVER FOR JOURNALS AND CONFERENCES

International journals

- International Journal on Data Semantics (JoDS) in 2013, 2014 and 2015.
- International Semantic Web Journal (JWS) 2012, 2014, 2015
- International Journal of Metadata, Semantics and Ontologies (IJMSO) 2012

International conferences and workshops IEEE International Conference on Data Engineering ICDE 2014, SIGMOD 2015, The 8th Extended Semantic Web Conference (ESWC) in 2011, International Conference on Conceptual Structures in ICCS 2014, IJCAI International Workshop on Graph Structures for Knowledge Representation and Reasoning in 2015, International Conference on Information Systems and Economic Intelligence in 2012, International Conference on Advances in Databases, Knowledge, and Data Applications 2013 and 2014, International Workshop on Resource Discovery co-located with the international conference ESWC 2011, 2012, 2013 and 2014.

National conferences and workshops Conférence Francophone sur l'Extraction et la Gestion de Connaissances EGC en 2011, 2012, 2013, 2014 and 2015, Atelier IN-OVIVE associé à la conférence IC 2013, 2014 et 2015, Atelier Gestion et Analyse des données Spatiales et Temporelles à la conférence EGC 2014 and 2015, Atelier "Constitution, enrichissement et exploitation de ressources GEOgraphiques" pour l'analyse de données à la conférence EGC 2014, Atelier Ontologies et jeux de données pour évaluer le Web Sémantique, à IC 2012, Atelier Qualité et Robustesse dans le Web de Données associé à la conférence IC 2011, 2012 et 2013, Atelier COTA 2010 et 2011– Cotation des Informations : Théorie et Applications– associé à la conférence IC 2010 et 2011, Conférence maghrébine sur *l'Extraction et la Gestion de Connaissances EGC-M en 2010 et en 2011*, Atelier Web Social associé à la conférence EGC 2010 et 2011, Atelier IN-OVIVE associé à la conférence IC 2013 et 2014,

OTHER RESPONSABILITIES LINKED WITH RESEARCH ACTIVITY _____

- Member of software commission of LRI lab, since September 2014.
- Member of the offices-distribution commission of LRI Lab and responsible of the offices-distribution for the team from September 2009 to January 2015.
- Responsible of the organisation of LaHDAK seminars, since October 2015.

PUBLICATIONS AND SCIENTIFIC PRODUCTION _____

• INTERNATIONAL JOURNALS

- [2] Ontology-aware prediction from rules: A reconciliation-based approach. **Fatiha Saïs**, *Rallou Thomopoulos*. In *Journal of Knowledge Based Systems* (2014), Elsevier. Volume 67, pages 117-130. April 2014.
- [3] An Automatic Key Discovery Approach for Data Linking. *Nathalie Pernelle*, **Fatiha Saïs**, *Danai Symeonidou*. In *Journal of Web Semantics* (2013), Elsevier. Volume 23, pages 16-30. December 2013.
- [4] Combining a Logical and a Numerical Method for Data Reconciliation . **Fatiha Saïs**, *Nathalie Pernelle*, *Marie-Christine Rousset*. In *Journal on Data Semantics XII* (2009), LNCS 5480, Springer. Volume 12, pages 16-30.

• NATIONAL JOURNALS

[5] Vers une utilisation automatique des Informations Personnelles pour la réalisation de e-procédures (2014). *Rania Khefifi, Pascal Poizat and Fatiha Saïis*. In *Revue des Nouvelles Technologies de l'Information* vol. RNTI-W-2 pages: 75-89, 2014.

• BOOK CHAPTERS

[6] A reconciliation-driven approach of case-based prediction: State of the art, method overview and application in food science. **Fatiha Saïis and Rallou Thomopoulos**. Chapitre du livre *Case-Based Reasoning: Strategies, Developments and Applications*, in Ed. Nova Science Publishers, Tao LIN (Ed.), 2015.

[7] Explaining Reference Reconciliation Decisions: a Coloured Petri Nets based Approach. *Souhir Gahbiche, Nathalie Pernelle, Fatiha Saïis*. Chapitre du livre *Advances in Knowledge Discovery and Management, Studies in Computational Intelligence*, paru aux éditions Springer Verlag, H. Briand, F. Guillet, G. Ritschard and D. Zighed (Ed.) 2011.

[8] Data Extraction, Transformation and Integration guided by an Ontology. *Chantal Reynaud, Nathalie Pernelle, Marie-Christine Rousset, Brigitte Safar, Fatiha Saïis*. Chapitre du livre *Data Warehousing Design and Advanced Engineering Applications: Methods for Complex Construction, Advances in Data Warehousing and Mining Book Series*, paru aux éditions IGI Publishing, Ladjel Bellatreche (Ed.), 2009.

• INTERNATIONAL CONFERENCES

[9] Key Discovery for Numerical Data: Application to Oenological Practices. *Danai Symeonidou, Isabelle Sanchez, Madalina Croitoru, Pascal Neveu, Nathalie Pernelle, Fatiha Saïis, Aurelie Roland-Vialaret, Patrice Buche, Aunur-Rofiq Muljarto, Remi Schneider*. In proceedings of Graph-Based Representation and Reasoning - 22nd International Conference on Conceptual Structures, ICCS 2016, Annecy, France, July 5-7, 2016. Lecture Notes in Computer Science 9717, Springer 2016, ISBN 978-3-319-40984-9. Pages: 222-236.

[10] RDF Data Evolution: Efficient Detection and Semantic Representation of changes (2016). *Nathalie Pernelle, Fatiha Saïis, Daniel Mercier, Sujeeban Thiraisamy*. In proceedings of the The 12th edition of the SEMANTiCS 2016, Leipzig (Germany) 12-15 September, 2016.

[11] Logical Detection of Invalid SameAs Statements in RDF Data. *Laura Papaleo, Nathalie Pernelle, Fatiha Saïis, Cyril Dumont*. In the proceedings of 19th Knowledge Acquisition, Modeling and Management (EKAW), pages: 33-49, LNCS 8876, Springer 2014, pages 373-384, December, 2014, Linköping, (Sweden).

[12] SAKey: Scalable Almost Key Discovery in RDF Data. *Danai Symeonidou, Vincent Armant, Nathalie Pernelle, Fatiha Saïis*. In the proceedings of the 13th International Semantic Web Conference (ISWC), pages: 33-49, LNCS 8796, Springer 2014, 19-23 October, Riva del Garda (Italy).

[13] Defining Key Semantics for the RDF Datasets: Experiments and Evaluations. *Manuel Atencia, Michel Chein, Madalina Croitoru, Jérôme David, Michel Leclère, Nathalie Pernelle, Fatiha Saïis, François Scharffe, Danai Symeonidou*. In the proceedings of the 21th International Conference on Conceptual Structures (ICCS), pages: 65-78, LNCS 8577, Springer 2014, Iasi (Romania).

[14] Automatic Composition of Form-Based Services in a Context-Aware Personal Information Space. *Rania Khefifi, Pascal Poizat and Fatiha Saïis*. In the proceedings of 11th International Conference on

Service Oriented Computing (ICSOC 2013), pages: 575-583, LNCS, Springer, 1-5 December, 2013, Berlin (Germany).

- [15] Modelling and Querying Context-Aware Personal Information Spaces. *Rania Kheffi, Pascal Poizat and Fatiha Saïs*. In the proceedings of the 23th International Conference on Database and Expert Systems Applications (DEXA 2012). Pages 103-110. September 3 - 7, 2012, Vienna (Austria)
- [16] An Ontology-based method for Duplicate Detection in Web Data Tables. *Patrice Buche, Juliette Dibia-Barthelemy, Rania Kheffi and Fatiha Saïs*. In the proceedings of the 22nd International Conference on Database and Expert Systems Applications (DEXA 2011). Part I, LNCS 6860, pages: 511-525 Toulouse, France, August 2011.
- [17] Ontology-Driven Possibilistic Reference Fusion. **Fatiha Saïs, Rallou Thomopoulos and Sébastien Destercke**. In the 9th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE 2010), Springer LNCS 6427, pages : 1079-1096. Crete, Greece, October 2010.
- [18] Reference Fusion and Flexible Querying. **Fatiha Saïs, Rallou Thomopoulos**. In The 7th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE-OTM 2008), pages 1541-1549, Springer LNCS 5332, Monterrey, Mexico 2008.
- [19] L2R: a Logical method for Reference Reconciliation. **Fatiha Saïs, Nathalie Pernelle, Marie-Christine Rousset**. Proceedings of the twenty-second Conference AAI– on Artificial Intelligence, pages 329–334. Vancouver – British Columbia (Canada) 2007
- [20] A semantic enrichment of data tables applied to food risk assessment, *Hélène Gagliardi, Ollivier Haemmerlé, Nathalie Pernelle, Fatiha Saïs*. Proceedings of the 8th International Conference –DS on Discovery Science. Lecture Notes LNAI-3735 Springer Verlag, pages 374-376, Singapour 2005.

- INTERNATIONAL WORKSHOPS

- [21] N2R-Part: Identity Link Discovery using Partially Aligned Ontologies. *Nathalie Pernelle, Fatiha Saïs, Brigitte Safar, Maria Koutraki and Tushar Ghosh*. In the proceedings of the 2nd International workshop on Open Data (WOD 2013), June 03, 2013 - Paris (France).
- [22] Discovering Keys in RDF/OWL Dataset with KD2R. *Danai Symeonidou and Nathalie Pernelle and Fatiha Saïs* In the proceedings of the 2nd International workshop on Open Data (WOD 2013), Demo paper , June 03, 2013 - Paris (France).
- [23] Classification Rule Learning for Data Linking. *Nathalie Pernelle and Fatiha Saïs*. In the proceedings of the 2nd International workshop on Linked Web Data Managment (LWDM 2012), in conjunction with the international conference EDBT 2012, Pages 136-139 , March 30, 2012, Berlin (Germany)
- [24] KD2R : a Key Discovery method for semantic Reference Reconciliation. *Danai Symeonidou, Nathalie Pernelle and Fatiha Saïs*.The the proceedings of the 7th International IFIP Workshop on Semantic Web & Web Semantics (SWWS 2011) OTM Workshops 2011, pages: 392-401.October, 2011: Heraklion, Crece. (published by Springer LNCS).
- [25] LDM: Link Discovery Method for new Resource Integration. *Nathalie Pernelle and Fatiha Saïs*. The the proceedings of Fourth International Workshop on Resource Discovery collocated with the 8th Extended Semantic Web Conference (ESWC 2011) May 29th, 2011: Heraklion, Crece. (published by Springer LNCS).

- [26] LN2R - a knowledge based reference reconciliation system: OAEI 2010 Results. **Fatiha Saï**s, *Nobal Niraula, Nathalie Pernelle and Marie-Christine Rousset*. The Fifth International Workshop on Ontology Matching, collocated with the 9th International Semantic Web Conference ISWC, CEUR-WS, Vol-689 pages: 172-179. Shanghai, China, November 2010.
- [27] An automatic ontology-based approach to enrich tables semantically. *Hélène Gagliardi, Ollivier Haemmerlé, Nathalie Pernelle, Fatiha Saïs. Proceedings of the first International Workshop AAAI-C&O on Context and Ontologies: Theory, Practice and Application. Pittsburgh (USA) 2005.*
- [28] Enriching a Relational Data Warehouse by Integrating XML Data: report on the e.dot project applied to Microbiology. *Hélène Gagliardi, Ollivier Haemmerlé, Damiano Migliori, Nathalie Pernelle, Marie-Christine Rousset, Fatiha Saïs, Proceedings of the second Franco-Japanese Workshop ISIP – on Information Search, Integration and Personalization, Lyon (France), 2005.*
- NATIONAL CONFERENCES
- [29] Dction et Reprntation des changements dans les sources de donn RDF. *Daniel Mercier, Nathalie Pernelle, Fatiha Saïs , *Sujeeban Thuraisamy*. In porceedings of 27es Journ francophones d’Ingerie des Connaissances (IC 2016), Montpellier (France) 6-10 June, 2016.*
- [30] Fusion de données redondantes : une approche explicative. **Fatiha Saï**s and Rallou Thomopoulos. In Actes of the 16th days of "Extraction et Gestion des Connaissances", (EGC’2016), Revue des Technologies de l’Information - RNTI, pages 363-368, pages 257-262, du 20 au 22 Janvier 2016, Reims.
- [31] C-SAKey : une approche de découverte de clés conditionnelles dans des donneé àes RDF. *Nathalie Pernelle, Danai Symeonidou, Fatiha Saïs In porceedings of the 26th Journées francophones d’Ingénierie des Connaissances (IC), Mai 2015, Rennes (France)*
- [32] Linked Data Annotation and Fusion driven by Data Quality Evaluation. Ioanna Giannopoulou, Fatiha Saïs and Rallou Thomopoulos. In Actes of the 15th days of "Extraction et Gestion des Connaissances", (EGC’2015), Revue des Technologies de l’Information - RNTI, du 27 au 30 Janvier 2015, Luxembourg.
- [33] SAKey: Scalable Almost Key Discovery in RDF Data. *Danai Symeonidou, Vincent Armant, Nathalie Pernelle, Fatiha Saïs. In acte of the 30th days of "Gestion de Données –Principes, Technologies et Applications". 14-17 October, 2014, Grenoble-Autrans (France).*
- [34] Définition de la sémantique des clés dans le Web sémantique : un point de vue théorique. *Michel Chein, Madalina Croitoru, Michel Leclere, Nathalie Pernelle, Fatiha Saïs, *Danai Symeonidou* In porceedings of the 25th Journées francophones d’Ingénierie des Connaissances (IC), 12-16 Mai 2014, Clermont Ferrand (France)*
- [35] Découverte de liens d’identité entre instances décrites par des ontologies partiellement alignées. *Nathalie Pernelle, Fatiha Saïs, *Brigitte Safar, Maria Koutraki and Tushar Ghosh*. In the proceedings of IC conference in PFIA2013 the French Symposium of AI , 1-5 July 2013, Lille, France.*
- [36] Modélisation et interrogation d’espaces d’informations personnelles sensibles au contexte. *Rania Khefifi, Pascal Poizat and Fatiha Saïs. In Actes of the 12th days of "Extraction et Gestion des Connaissances", (EGC’2012), Revue des Technologies de l’Information - RNTI, Pages 573-574, 31 janvier - 3 février, Bordeaux, France.*

- [37] Détection de redondances dans les tableaux guidée par une ontologie. *Rania Khefifi, Patrice Buche, Juliette Dibie-Barthelemy and Fatiha Saïs*. In Actes of the eleventh days of "Extraction et Gestion des Connaissances", (EGC'2011), Revue des Technologies de l'Information - RNTI, Pages 563-568, Brest, France, January 2011.
- [38] Explication de décisions de réconciliation de références : approche fondée sur les réseaux de Petri colorés. *Souhir Gahbiche, Nathalie Pernelle, Fatiha Saïs*. Pages 327-338, EGC (Extraction et Gestion des Connaissances), Hammamet, Tunisie, 2010.
- [39] Evidential reference fusion and flexible querying. *Sebastien Destercke, Fatiha Saïs and Rallou Thomopoulos*. Rencontres francophones sur la Logique Floue et ses Applications, Annecy, 2009.
- [40] Une méthode flexible de fusion de références. **Fatiha Saïs, Rallou Thomopoulos** Paru dans les 4èmes Journées francophones sur les Entrepôts de Données et l'Analyse en ligne (EDA) 2008.
- [41] Approche logique pour la réconciliation de références. **Fatiha Saïs, Nathalie Pernelle, Marie-Christine Rousset**. Dans les actes des septièmes journées de la conférence EGC – Extraction et Gestion des Connaissances, Revue des Technologies de l'Information – RNTI, pages 623-634. Namur (Belgique) 2007.
- [42] Réconciliation de références : une approche logique adaptée aux grands volumes de données. **Fatiha Saïs, Nathalie Pernelle and Marie-Christine Rousset**. Dans les actes de la quatrième conférence COSI – l'Optimisation et les Systèmes d'Informations, pages 521 –532, Oran (Algérie) 2007.
- [43] Découverte de relations candidates à l'enrichissement d'un entrepôt thématique de données. *Hélène Gagliardi, Ollivier Haemmerlé, Nathalie Pernelle and Fatiha Saïs*. Dans les actes de la quatrième conférence COSI – l'Optimisation et les Systèmes d'Informations, pages 142 –153, Alger (Algérie) 2006.
- [44] Enrichissement sémantique de documents XML représentant des tableaux. **Fatiha Saïs, Hélène Gagliardi, Ollivier Haemmerlé and Nathalie Pernelle**. Dans les actes des cinquièmes journées de la conférence EGC – Extraction et Gestion des Connaissances, Revue des Technologies de l'Information – RNTI, pages 407-419, Paris (France) 2005.
- NATIONAL WORKSHOPS
- [45] On Evaluating the Quality of RDF Identity Links in the LOD. *Laura Papaleo, Nathalie Pernelle, Fatiha Saïs*. In the proceedings of the 1st Workshop "From Open Sources to Web of Data" (SoWeDo 2014). Clermont Ferrand (France) 11 mai, 2014.
- [46] Data-Flow Oriented Service Composition: AI-Planning or Petri Nets?. *Rania Khefifi, Pascal Poizat and Fatiha Saïs*. In the proceedings of the 2nd Workshop "From Open Sources to Web of Data" (SOS-DLWD 2013). Lille (France) July 1st, 2013.
- [47] Modelling and Querying Context-Aware Personal Information Spaces. *Rania Khefifi, Pascal Poizat and Fatiha Saïs*. In the proceedings of the 2nd Workshop "From Open Sources to Web of Data" (SOS-DLWD 2012). January 2012, Bordeaux, France.
- [48] Passage à l'échelle de la réconciliation de concepts et de la réconciliation de références : quelques points de comparaison. *Nathalie Pernelle, Fatiha Saïs*. Dans les actes de l'atelier DECOR –Passage à l'échelle des techniques de découverte de correspondances – des septièmes journées de la conférence EGC – Extraction et Gestion des Connaissances, Namur (Belgique) 2007.

Table 1: Summary table of Publications (2009 – 2016)

	Chapters	Inter. Journals	Inter. Conf.	Nat.Conf.	Inter. Workshops	Nat. Journals	Nat. Workshops
2016			2	2			
2015	1			2			
2014		1	3	1		1	1
2013		1	1	1	2		1
2012			1	1	1		1
2011	1		1	1	2		
2010			1	1	1		
2009	1	1		1			
2008			1	1			
2007			1	1			1
2006							1
2005			1	1	1		
TOTAL	3	3	12	13	7	1	5