

# Laure Soulier

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🐦 : @LaureSoulier



## Positions

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Since Septembre 2015

**Maître de Conférences en Informatique**

Sorbonne University, LIP6 UMR 7606 CNRS, UFR 919 Ingénierie, Paris - France

October 2014 – August 2015

**Teaching and Research assistant**

Université Toulouse III, IRIT, Faculté des Sciences et d'Ingénierie

October 2011 – September 2014

**PhD - with teaching load**

Université Toulouse III, Faculté des Sciences et d'Ingénierie

## Diplôme

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October 2011 – December 2014

**PhD. in Computer Sciences**

*Definition and evaluation of collaborative information retrieval models based on domain skills and roles.*

Université Toulouse III - IRIT - Team SIG

- *Advisor* : Pr. Lynda Tamine-Lechani
- *Co-advisor* : MCF Wahiba Bahsoun
- *Reviewers* : Pr. Eric Gaussier (Université Grenoble 1), Pr. Jian-Yun Nie (Université Montréal, Canada)
- *Jury members* : Pr. Florence Sedes (UPS), Pr. Maarten de Rijke (Université d'Amsterdam), Pr. Patrick Gallinari (Sorbonne Université), Pr. Chihab Hanachi (Université Toulouse I)

## Research activity and main results

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### *Research interest*

My research is motivated by the proposal of new information retrieval and natural language processing models. The common goal of these models is to facilitate the processing of textual data, possibly combined with other information sources, such as user logs (2011-2018), social data (2014-2015), semantic resources (2015-2018) or visual data (2015-2018). I also contributed to the application of formal models in specific domains (product search [Jab+16b; Jab+15; Jab+16a] or cooking [Car+18b; Car+18a]). Initially, my research focused on the formalization of models based on IR techniques (term weighting, matching models, ...). Today, my work is rather based on deep learning models; Below, my main interests :

- Collaborative information retrieval (2011-2016)
- Semantic-driven deep neural ranking models (2015-2018)
- Multimodal representation learning models for natural language processing (2015-2018)
- Data-to-text : description generation from structured data (since 2018)
- Search-oriented conversational systems (since 2018)

### *Thesis supervision*

**Pierre Erbacher - January 2021 (ANR JCJC)**

**Doctoral School :** EDITE

**Title :** Conversational information retrieval models

**Supervision rate :** 70% Laure Soulier - 30% Ludovic Denoyer

**Publications :** [Erb+21]

**Clément Rebuffel - October 2018**

**Doctoral School :** EDITE

**Title :** Data-to-text generation

**Supervision rate :** 70% Laure Soulier - 30% Patrick Gallinari

**Publications :** [Reb+20c; Reb+20a; Reb+20b; Reb19]

**Eloi Zablocki - october 2016 - October 2019**

**Doctoral School :** EDITE

**Title :** Context-based multimodal representation learning

**Supervision rate :** 33% Laure Soulier - 33% Benjamin Piwowarski - 33% Patrick Gallinari

**Publications :** [Zab+17; Zab+18; Zab+19; Bor+19a; Bor+19b]

**Gia-Hung Nguyen - October 2015 - December 2018**

**Doctoral School :** MITT (Toulouse)

**Title :** Knowledge-based driven neural ranking models

**Supervision rate :** 40% Laure Soulier - 40% Lynda Tamine (IRIT) - 20% Nathalie Souf (IRIT)

**Publications :** [Ngu+16; Ngu+17a; Ngu+17b; Ngu+17c; Ngu+18a; Ngu+18b; Tam+19]

*Internship supervision*

- 2021 Hanane Djeddal (co-supervision with IRIT)  
— Title : Lifelong learning and conversational systems (6 months)
- 2020 Jesus Louvon (co-supervision with IRIT)  
— Title : Lifelong learning and information retrieval (6 months)  
— Publication : [Lov+21b]  
Amine Djeghri et Aymen Merrouche (intern from M1 DAC)  
— Title : evaluation of search-oriented IR models (2 months)
- 2019 Adrien Pouyet (intern from M2 DAC - co-supervision with Ludovic Denoyer)  
— Title : query reformulation for conversational IR (6 months)  
Ismaël Bonneau et Yannis Karmim (insterns from M1 DAC)  
— Title : Knowledge base-driven IR models (3 months)
- 2018 Wafa Aissa (intern from M2 DAC - co-supervision avec Ludovic Denoyer)  
— Title : query reformulation (6 months)  
— Publication : [Ais+18]  
Clément Bosc (intern from M1 DC in Toulouse - co-supervision with Lynda Tamine/IRIT)  
— Title : Knowledge base-driven IR models (3 months)  
— publication : [Ngu+20]
- 2017 Patrick Bordes (intern from M2 MVA - co-supervision ith Benjamin Piwowarski and Patrick Gallinari)  
— Title : Relation extraction from multimodal data (6 months)  
— Publication : [Zab+17]  
Thomas Gandillon (intern from M1 DC in Toulouse - co-supervision with Lynda Tamine/IRIT)  
— Title : Knowledge base-driven IR models (4 months)
- 2016 Thomas Gérald (intern from M2 DAC - co-supervision with Benjamin Piwowarski and Patrick Gallinari)  
— Title : Classification of temporal relations (6 months)
- 2015 Gia-Hung Nguyen (intern M2 RIBD in Toulouse- co-supervision with Lynda Tamine)  
— Title : Collaborative information retrieval on social networks (6 months)  
— Publication : [Lau+16b]
- 2014 Laurent Clastrier (intern M1 Informatique in Toulouse)  
— Title : log analysis for colleborative IR (4 months)  
— Publication : [Tam+15]  
Paul Mousset (intern L3 - co-supervision with Lamjed Ben Jabeur and Lynda Tamine)  
— Title : Exploratory analysis of collaboration in social networks (4 months)  
— Publication : [Tam+16c]

## Research projects - Coordination and participation

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- 2018 – 2024 *Name* : SEarch-oriented ConverSational systeMS (SESAMS)  
*Description* : ANR JCJC (AAPG 2018 - CES 23)  
***Coordinator* : LIP6 (L. Soulier)**  
*Partners* : LIP6; CRIStAL/Inria, DIRO (Montréal)  
*Publications* : [Ais+18; Erb+21]

- 2015 – 2018 *Name* : MULTimodal processing of Spatial and TEMPoral expReSSions (MUSTER)  
*Description* : Chist-ERA 2014 : Human Language Understanding : Grounding Language Learning (HLU)  
*Coordinator* : LIP6 (B. Piwowarski)  
*Partners* : LIP6; KU Leuven (Belgique), ETH Zurich (Suisse), UPV/EHU (Spain)  
*Publications* : [Bor+19a; Zab+19; Bor+19b; Zab+18; Zab+17]
- 2014 – 2015 *Name* : EXPloration sur l’usage des médias sociaux pour un Accès Collaboratif à l’information (EXPAC)  
*Call* : PEPS CNRS transdisciplinaire, HuMaIn : Humanités, Mathématiques, Sciences de l’Information  
*Coordinator* : IRIT (L. Tamine-Lechani)  
*Partners* : IRIT- SIG; CNRS March Bloch, Berlin; Maths, SMMA, Université Paris Sorbonne  
*Publications* : [Tam+16c; Lau+16b]

## Organization of conferences and workshops

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- 2019 SIGIR :Local chair.  
 RJCRI@CORIA : Chair).
- 2018 CLEF : Lab chair [Bel+18; Cap+18].  
 ECIR : Publicity chair).  
 DECOR@ICDE : Co-chair).
- 2017 ECol@CHIIR : Co-chair [Azz+17b; Azz+17a].
- 2015 ECol@CIKM : Co-chair [Lau+16c; Azz+15a]. (ELIAS grant).  
 CLEF : Publicity chair.

## Member of Scientific committee

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- 2018-2021 Member of CLEF Steering committee (Conference and Labs of the Evaluation Forum : <http://www.clef-initiative.eu/>)

## Program committee member and Journal reviewer

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### – Reviewer for international journals

- 2020 TAFFC · ACM TOIS  
 2019 ESWA  
 2018 TPAMI · TAFFC  
 2017 JASIST · IRJ  
 2016 JASIST · IJDL  
 2015 IP&M  
 2014 IP&M · ESWA

### – Committee member of conferences

- |      | <b>International</b>               | <b>National</b> |
|------|------------------------------------|-----------------|
| 2021 | ECIR · SIGIR · CIKM · EMNLP        | CORIA           |
| 2020 | ECIR · SIGIR · ECAI · AAI · COLING | CORIA (CIRCLE)  |
| 2019 | ECIR · IJDL                        | CORIA           |
| 2018 | SIGIR · WWW · ICTIR · ECIR · JCDL  | CORIA           |
| 2017 | SIGIR · CIKM · ICTIR               | CORIA · MARAMI  |
| 2016 | SIGIR · COLING ·                   | CORIA · MARAMI  |
| 2015 | SIGIR · JCDL                       | RJCRI           |
| 2014 | AIRS                               |                 |

## Invited talks

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- 2021 - NaverLabs (May 2021) "Data-to-text generation : let your data speak fluently"  
 - Summer school ETAL (June 2021) : Lecturer - "Information retrieval models" and practical activities
- 2020 - "THL et multimodalité" Days - THL/AFIA (oct 2020) : "From multimodal representation learning to multimodal information access"  
 - LIS seminar - Marseille (December 2020) : "From multimodal representation learning to multimodal information access"
- 2019 - PhisIA seminar - Univ Paris Diderot (nov 2019) : "Le symbolique au service du connexionnisme et vice-versa : apprentissage de représentation augmenté, extraction d'information et bases de connaissances"  
 - ERIC lab seminar (oct 2019) : "Apprentissage de représentations textuelles augmentées bases de connaissances : application à la Recherche d'information"  
 - GDR IA - 2019 : "Ancrage visuel et conceptuel du texte pour l'apprentissage de représentation"  
 - Panelist for the Pré-GDR TAL (March 2019)
- 2016 - Laboratoire ERIC "De la Recherche d'information collaborative à la recherche d'information socio-collaborative : fondements, modèles et perspectives"

## International collaborations - travel exchanges

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- January 2015 **Post-Doctoral intern**  
 Département de mathématiques/NAXYS, Université de Namur - Belgique  
*Encadrement* : Renaud Lambiotte (Professeur Assistant, Université de Namur)
- May – July 2013 **Doctoral intern**  
 SC&I - Rutgers University, New Brunswick NJ - USA  
*Encadrement* : Chirag Shah (Professeur Assistant, Université de Rutgers)  
*Publications* : [[Lau+14a](#) ; [Lau+16d](#)]

## Teaching activities - Sorbonne Université

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Current teaching activities :

- Web Technologies (L3)
- Information retrieval and Natural language processing (M1)
- Business intelligence and User modeling (M1)
- Deep learning (M2)

Pas teaching activities :

- Python - algorithmic (L1)
- Object programming (Java) (L2)
- Database (L3 - M1)
- Data mining (M1)

## Local and national responsibilities

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- 2020-2021 President of an evaluation committee at the Nacional Research Agency (ANR - CES 38).
- 2019-2020 Vice-President of an evaluation committee at the Nacional Research Agency (ANR - CES 38).
- 2018-2019 Member of an evaluation committee at the Nacional Research Agency (ANR - CES 38).

- 2017/2021* Member of selection process for recruitment of Maître de conférences :  
 — MCF section 06 : Sorbonne Université (2018), Université Bretagne Sud (2019), IUT Toulouse (2019), CNAM (2020), INSA Lyon (2020).  
 — "MCF section 27 Polytech" : Université Aix-Marseille (2018)  
 — "MCF section 65" : Sorbonne Université (2021)
- 2016 – 2020* Member of the organization committee of the Computer Science colloquium of Sorbonne University. Invited speakers : Léon Bottou (Facebook), Eric Horvitz (Microsoft Research), Caroline Chavier (WIMLDS Paris).
- 2015 – 2017* Young Expert for HCERES doctoral school evaluation  
 "Sciences Technologie Santé" (UPJV - 30 novembre 2016), "Sciences pour l'ingénieur" (UTC - 1 décembre 2016), "Sciences et ingénierie des systèmes, mathématiques, informatique" (ComUE - 7 février 2017), "Sciences et ingénierie des matériaux, mécanique, énergétique" (ComUE - 8 février 2017) et "EUCLIDE - ED multidisciplinaire" (La Rochelle, 19 octobre 2017).
- 2012 – 2014* Representative of PhD student at the doctoral school MITT- Toulouse.

## PhD jury member

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- October 2020* Warith Harchaoui - Université Paris Décartes. Advisor : Charles Bouveyron.
- May 2020* Julien Tissier - Université Jean Monnet - Saint Etienne. Advisors : Christophe Gravier and Amaury Habrard.
- July 2019* Hady El Sahar - Université Jean Monnet - Saint Etienne. Advisors : Christophe Gravier and Florence Laforest.
- May 2019* Hedi Ben Younes - Sorbonne Université. Advisors : Matthieu Cord and Nicolas Thome.
- October 2018* Micael Carvalho - Sorbonne Université. Advisors : Matthieu Cord and Nicolas Thome.

## Publications

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The complete list of my publications can be found on [Google Scholar](#)

### International journals

- [Tam+19] Lynda TAMINE, **LAURE SOULIER**, Gia-Hung NGUYEN et Nathalie SOUF. “Offline versus Online Representation Learning of Documents Using External Knowledge”. In : *ACM Trans. Inf. Syst.* 37.4 (2019), 42 :1-42 :34. DOI : [10.1145/3349527](https://doi.org/10.1145/3349527). URL : <https://doi.org/10.1145/3349527>.
- [Lau+17] **LAURE SOULIER** et Lynda TAMINE. “On the Collaboration Support in Information Retrieval”. In : *ACM Comput. Surv.* 50.4 (2017), 51 :1-51 :34.
- [Lau+16d] **LAURE SOULIER**, Lynda TAMINE et Chirag SHAH. “MineRank : Leveraging users’ latent roles for unsupervised collaborative information retrieval”. In : *Inf. Process. Manage.* 52.6 (2016), p. 1122-1141.
- [Lau+14b] **LAURE SOULIER**, Lynda TAMINE et Wahiba BAHOUN. “On domain expertise-based roles in collaborative information retrieval”. In : *Inf. Process. Manage.* 50.5 (2014), p. 752-774.
- [Lau+13a] **LAURE SOULIER**, Lamjed Ben JABEUR, Lynda TAMINE et Wahiba BAHOUN. “On ranking relevant entities in heterogeneous networks using a language-based model”. In : *JASIST* 64.3 (2013), p. 500-515.

### International conferences

- [Lov+21b] Jesús LOVÓN-MELGAREJO, Laure SOULIER, Karen PINEL-SAUVAGNAT et Lynda TAMINE. “Studying Catastrophic Forgetting in Neural Ranking Models”. In : *Advances in Information Retrieval - 43rd European Conference on IR Research, ECIR 2021, Virtual Event, March 28 - April 1, 2021, Proceedings, Part I*. Sous la dir. de Djoerd HIEMSTRA, Marie-Francine MOENS, Josiane MOTHE, Raffaele PEREGO, Martin POTTHAST et Fabrizio SEBASTIANI. T. 12656. Lecture Notes in Computer Science. Springer, 2021, p. 375-390. DOI : [10.1007/978-3-030-72113-8\\_25](https://doi.org/10.1007/978-3-030-72113-8_25). URL : [https://doi.org/10.1007/978-3-030-72113-8\\_25](https://doi.org/10.1007/978-3-030-72113-8_25).
- [Reb+20a] Clément REBUFFEL, **LAURE SOULIER**, Geoffrey SCOUTHEETEN et Patrick GALLINARI. “A Hierarchical Model for Data-to-Text Generation”. In : *ECIR 2020*. 2020.
- [Reb+20c] Clément REBUFFEL, Laure SOULIER, Geoffrey SCOUTHEETEN et Patrick GALLINARI. “PARENTing via Model-Agnostic Reinforcement Learning to Correct Pathological Behaviors in Data-to-Text Generation”. In : *Proceedings of the 13th International Conference on Natural Language Generation, INLG 2020, Dublin, Ireland, December 15-18, 2020*. Sous la dir. de Brian DAVIS, Yvette GRAHAM, John KELLEHER et Yaji SRIPADA. Association for Computational Linguistics, 2020, p. 120-130. URL : <https://www.aclweb.org/anthology/2020.inlg-1.18/>.
- [Bor+19a] Patrick BORDES, Eloi ZABLOCKI, **LAURE SOULIER**, Benjamin PIWOWARSKI et Patrick GALLINARI. “Incorporating Visual Semantics into Sentence Representations within a Grounded Space”. In : *Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing*. Sous la dir. de Kentaro INUI, Jing JIANG, Vincent NG et Xiaojun WAN. Association for Computational Linguistics, 2019, p. 696-707. DOI : [10.18653/v1/D19-1064](https://doi.org/10.18653/v1/D19-1064). URL : <https://doi.org/10.18653/v1/D19-1064>.
- [Car+18b] Micael CARVALHO, Rémi CADÈNE, David PICARD, **LAURE SOULIER**, Nicolas THOME et Matthieu CORD. “Cross-Modal Retrieval in the Cooking Context : Learning Semantic Text-Image Embeddings”. In : *The 41st International ACM SIGIR Conference on Research & Development in Information Retrieval, SIGIR*. 2018, p. 35-44.
- [Ngu+18a] Gia-Hung NGUYEN, Lynda TAMINE, **LAURE SOULIER** et Nathalie SOUF. “A Tri-Partite Neural Document Language Model for Semantic Information Retrieval”. In : *The Semantic Web - 15th International Conference, ESWC*. 2018, p. 445-461.

- [Zab+18] Eloi ZABLOCKI, Benjamin PIWOWARSKI, **LAURE SOULIER** et Patrick GALLINARI. “Learning Multi-Modal Word Representation Grounded in Visual Context”. In : *Proceedings of the Thirty-Second AAAI Conference on Artificial Intelligence*. 2018.
- [Ngu+17a] Gia-Hung NGUYEN, **LAURE SOULIER**, Lynda TAMINE et Nathalie BRICON-SOUF. “DSRIM : A Deep Neural Information Retrieval Model Enhanced by a Knowledge Resource Driven Representation of Documents”. In : *Proceedings of the ACM SIGIR International Conference on Theory of Information Retrieval, ICTIR*. 2017, p. 19-26.
- [Ngu+17c] Gia-Hung NGUYEN, Lynda TAMINE, **LAURE SOULIER** et Nathalie SOUF. “Learning Concept-Driven Document Embeddings for Medical Information Search”. In : *Artificial Intelligence in Medicine - 16th Conference on Artificial Intelligence in Medicine, AIME*. 2017, p. 160-170.
- [Jab+16b] Lamjed Ben JABEUR, **LAURE SOULIER**, Lynda TAMINE et Paul MOUSSET. “A Product Feature-Based User-Centric Ranking Model for E-Commerce Search”. In : *Experimental IR Meets Multilinguality, Multimodality, and Interaction - 7th International Conference of the CLEF Association, CLEF*. 2016, p. 174-186.
- [Lau+16b] **LAURE SOULIER**, Lynda TAMINE et Gia-Hung NGUYEN. “Answering Twitter Questions : a Model for Recommending Answerers through Social Collaboration”. In : *Proceedings of the 25th ACM International Conference on Information and Knowledge Management, CIKM 2016*. 2016, p. 267-276.
- [Tam+16c] Lynda TAMINE, **LAURE SOULIER**, Lamjed Ben JABEUR, Frédéric AMBLARD, Chihab HANACHI, Gilles HUBERT et Camille ROTH. “Social Media-Based Collaborative Information Access : Analysis of Online Crisis-Related Twitter Conversations”. In : *Proceedings of the 27th ACM Conference on Hypertext and Social Media, HT*. 2016, p. 159-168.
- [Tam+15] Lynda TAMINE et **LAURE SOULIER**. “Understanding the Impact of the Role Factor in Collaborative Information Retrieval”. In : *Proceedings of the 24th ACM International Conference on Information and Knowledge Management, CIKM*. 2015, p. 43-52.
- [Lau+14a] **LAURE SOULIER**, Chirag SHAH et Lynda TAMINE. “User-driven system-mediated collaborative information retrieval”. In : *The 37th International ACM SIGIR Conference on Research and Development in Information Retrieval*. 2014, p. 485-494.
- [Lau+13b] **LAURE SOULIER**, Lynda TAMINE et Wahiba BAHOUN. “A Collaborative Document Ranking Model for a Multi-faceted Search”. In : *Information Retrieval Technology - 9th Asia Information Retrieval Societies Conference, AIRS*. 2013, p. 109-120.
- [Lau+12a] **LAURE SOULIER**, Lamjed Ben JABEUR, Lynda TAMINE et Wahiba BAHOUN. “BibRank : a language-based model for co-ranking entities in bibliographic networks”. In : *Proceedings of the 12th ACM/IEEE-CS Joint Conference on Digital Libraries, JCDL*. 2012, p. 61-70.

## Tutorials

- [Tam+16a] Lynda TAMINE et **LAURE SOULIER**. “Collaborative Information Retrieval : Concepts, Models and Evaluation”. In : *Advances in Information Retrieval - 38th European Conference on IR Research, ECIR*. 2016, p. 885-888.
- [Tam+16b] Lynda TAMINE et **LAURE SOULIER**. “Collaborative Information Retrieval : Frameworks, Theoretical Models, and Emerging Topics”. In : *Proceedings of the 2016 ACM on International Conference on the Theory of Information Retrieval, ICTIR*. 2016, p. 7-8.

## Workshop and conference proceedings and reports

- [Bel+19] Patrice BELLOT et **LAURE SOULIER**, éd. *Conférence en Recherche d’Informations et Applications - CO-RIA 2019, 16th French Information Retrieval Conference. Lyon, France, May 25-29, 2019. Proceedings*. ARIA, 2019. ISBN : 978-2-9556434-2-6.



- [Bel+18] Patrice BELLOT, Chiraz TRABELSI, Josiane MOTHE, Fionn MURTAGH, Jian-Yun NIE, **LAURE SOULIER**, Eric SANJUAN, Linda CAPPELLATO et Nicola FERRO, éd. *Experimental IR Meets Multilinguality, Multimodality, and Interaction - 9th International Conference of the CLEF Association, CLEF 2018*. T. 11018. Lecture Notes in Computer Science. Springer, 2018.
- [Cap+18] Linda CAPPELLATO, Nicola FERRO, Jian-Yun NIE et **LAURE SOULIER**, éd. *Working Notes of CLEF 2018 - Conference and Labs of the Evaluation Forum*. T. 2125. CEUR Workshop Proceedings. CEUR-WS.org, 2018.
- [Azz+17a] Leif AZZOPARDI, Jeremy PICKENS, Chirag SHAH, **LAURE SOULIER** et Lynda TAMINE. “Report on the Second International Workshop on the Evaluation on Collaborative Information Seeking and Retrieval (ECol’2017@CHIIR)”. In : *SIGIR Forum* 51.3 (2017), p. 122-127.
- [Azz+17b] Leif AZZOPARDI, Jeremy PICKENS, Chirag SHAH, **LAURE SOULIER** et Lynda TAMINE. “Second International Workshop On the Evaluation of Collaborative Information Seeking and Retrieval (Ecol’17)”. In : *Proceedings of the 2017 Conference on Conference Human Information Interaction and Retrieval, CHIIR*. 2017, p. 429-431.
- [Lau+16c] **LAURE SOULIER**, Lynda TAMINE, Tetsuya SAKAI, Leif AZZOPARDI et Jeremy PICKENS. “Report on the First International Workshop on the Evaluation on Collaborative Information Seeking and Retrieval (ECol’2015)”. In : *SIGIR Forum* 50.1 (2016), p. 42-48.
- [Azz+15a] Leif AZZOPARDI, Jeremy PICKENS, Tetsuya SAKAI, **LAURE SOULIER** et Lynda TAMINE. “ECol 2015 : First international workshop on the Evaluation on Collaborative Information Seeking and Retrieval”. In : *Proceedings of the 24th ACM International Conference on Information and Knowledge Management, CIKM*. 2015, p. 1943-1944.
- [Azz+15b] Leif AZZOPARDI, Jeremy PICKENS, Tetsuya SAKAI, **LAURE SOULIER** et Lynda TAMINE, éd. *Proceedings of the 2015 Workshop on Evaluation on Collaborative Information Retrieval and Seeking, ECol*. ACM, 2015.

## Workshop articles

- [Ais+18] Wafa AISSA, **LAURE SOULIER** et Ludovic DENOYER. “A Reinforcement Learning-driven Translation Model for Search-Oriented Conversational Systems”. In : *Proceedings of the 2nd International Workshop on Search-Oriented Conversational AI, SCAI@EMNLP 2018, Brussels, Belgium, October 31, 2018*. 2018, p. 33-39.
- [Car+18a] Micael CARVALHO, Rémi CADÈNE, David PICARD, **LAURE SOULIER** et Matthieu CORD. “Images and Recipes : Retrieval in the Cooking Context”. In : *34th IEEE International Conference on Data Engineering Workshops, ICDE Workshops 2018*. 2018, p. 169-174.
- [Ngu+16] Gia-Hung NGUYEN, Lynda TAMINE, **LAURE SOULIER** et Nathalie BRICON-SOUF. “Toward a Deep Neural Approach for Knowledge-Based IR”. In : *CoRR* abs/1606.07211 (2016). URL : <http://arxiv.org/abs/1606.07211>.

## Evaluation campaign

- [Zab+17] Eloi ZABLOCKI, Patrick BORDES, **LAURE SOULIER**, Benjamin PIWOWARSKI et Patrick GALLINARI. “LIP6@CLEF2017 : Multi-Modal Spatial Role Labeling using Word Embeddings”. In : *Working Notes of CLEF 2017 - Conference and Labs of the Evaluation Forum*. 2017.
- [Jab+16a] Lamjed Ben JABEUR, **LAURE SOULIER**, Paul MOUSSET et Lynda TAMINE. “Living Ranking : from Online to Real-time Information Retrieval Evaluation”. In : *Working Notes of CLEF 2016 - Conference and Labs of the Evaluation forum*. 2016, p. 587-588.
- [Che+15] Abdelhamid CHELLAL, Lamjed Ben JABEUR, **LAURE SOULIER**, Bilel MOULAHI, Thomas PALMER, Mohand BOUGHANEM, Karen PINEL-SAUVAGNAT, Lynda TAMINE et Gilles HUBERT. “IRIT at TREC Microblog 2015”. In : *Proceedings of The Twenty-Fourth Text REtrieval Conference, TREC*. 2015.

- [Jab+15] Lamjed Ben JABEUR, **LAURE SOULIER** et Lynda TAMINE. “IRIT at CLEF 2015 : A Product Search Model for Head Queries”. In : *Working Notes of CLEF 2015 - Conference and Labs of the Evaluation forum*. 2015.

## Reports

- [Ovi+20] Sharon L. OVIATT et **LAURE SOULIER**. “Conversational Search for Learning Technologies”. In : *CoRR* abs/2001.02912 (2020). arXiv : [2001.02912](https://arxiv.org/abs/2001.02912). URL : <http://arxiv.org/abs/2001.02912>.

## Distinctions and Awards

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|------|---|
| 2021 | Best paper award for the national conference <i>CO</i> nférence en Recherche d'Information et Applications ( <i>CORIA</i> ) [ <a href="#">Luk+21</a> ]                                  |
| 2018 | Best paper award of the SCAI workshop ( <i>SCAI@EMNLP2018</i> ) [ <a href="#">Ais+18</a> ]  |
| 2015 | Best paper award for the national conference <i>CO</i> nférence en Recherche d'Information et Applications ( <i>CORIA</i> ) [ <a href="#">Lau+15a</a> ]                                 |
| 2014 | ELIAS grant for organizing workshop on evaluation for collaborative information retrieval (ECol 2015 [ <a href="#">Lau+16c</a> ] et 2017 [ <a href="#">Azz+17b</a> ]). Grant : 10 000 € |
| 2013 | Best paper award for the international conference <i>Asia Information Retrieval Societies (AIRS)</i> [ <a href="#">Lau+13b</a> ]  |