

Sébastien Konieczny

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Education

- 2010** Habilitation à Diriger des Recherches - Computer Science - Université d'Artois
"Raisonnement & Incohérence" (*Reasoning & Inconsistency*)
Committee : Gerhard Brewka (rapporteur), Marie-Christine Rousset (rapporteur), Torsten Schaub (rapporteur), Salem Benferhat, Andreas Herzig, David Makinson, Pierre Marquis.
- 1999** PhD thesis in Computer Science - Université de Lille 1
"Sur la logique du changement : révision et fusion de bases de connaissance"
With highest distinction (Mention Très Honorable avec Félicitations)
Committee: Anthony Hunter (rapporteur), Jérôme Lang (rapporteur), Pierre Marquis (rapporteur), Jean-Paul Delahaye, Ramón Pino Pérez (directeur), Karl Schlechta, Carlos Uzcátegui.

Positions

- 2010 – ...** Directeur de recherche (*Senior Researcher*) CNRS - CRIL, Lens.
- 2004 – 2010** Chargé de recherche (*Researcher*) CNRS - CRIL, Lens.
- 2001 – 2004** Chargé de recherche (*Researcher*) CNRS - IRIT, Toulouse.
- 2000 – 2001** Maître de conférences (*Assistant Professor*) Université d'Artois - CRIL, Lens.
- 1999 – 2000** Attaché temporaire d'enseignement et de recherche (*Teaching assistant*) EUDIL (Ecole Universitaire d'Ingénieurs de Lille) - Université de Lille 1, Lille.

Research Topics

Main topics : Knowledge Representation and Reasoning, Belief Revision, Belief Merging, Inconsistency Measures, Inconsistency Handling, Argumentation, Truth Tracking, Reliability Evaluation, Trust.

Other topics of interest : Multi-Agent Systems, Decision, Game Theory, Social Choice Theory, Non-Monotonic Logics, Negotiation.

Projects (Leader)

- 2020 – 2025** Principal Investigator of the chair BE4musIA ("Belief change for multi-source information analysis") - **ANR Chaire IA** (40 chairs have been allocated at the national level for promoting French AI research).
- 2010 – 2011** Co-leader (with Eduardo Fermé - Madeira University) of a bilateral project France - Portugal (CNRS-FCT project) "Improvement belief change operators with limits of credibility".
- 2004 – 2007** Leader of a national young researcher grant (ACI Jeune Chercheur) "Négociation, interaction et dynamique des coalitions".
- 2004 – 2006** Leader of a European FEDER Project "Resolving conflicts between rational agents".
- 2003 – 2005** Co-leader (with Anthony Hunter - University College London) of a bilateral project France - UK (CNRS-Royal Society project) "Information and inconsistency measures in belief bases".

Projects and Working Groups (Member)

- 2023 – 2026** Member of the ANR AGGREEY “An argumentation-based platform for e-democracy”. Partners: CRIL (Lens), I3S (Nice), LIPADE (Paris 5), LIP6 (Paris 6).
- 2023 – 2025** Member of the Japanese project JSPS Kakenhi “Robust AI by Integration of Knowledge Representation and Machine Learning” - Katsumi Inoue (NII, Japan).
- 2023 – 2026** Member of the European project Horizon Europe STARWARS “STormwAteR and WastewAteR networkS heterogeneous data AI-driven management”. Partners: CRIL (France), IRD (France), Université de Montpellier (France), Can Tho University (Vietnam), University of Pisa (Italy), University of Cape Town (South Africa), USMBA (Morocco).
- 2021 – 2025** Member of the ANR THEMIS “Theory and Evidence to Measure Influence in Social structures”. Partners: CRIL (Lens), LAMSADE (Paris), LIP6 (Paris 6).
- 2017 – 2021** Member of the Japanese project JSPS Kakenhi “Learning Relational Dynamics from State Transition” - Katsumi Inoue (NII, Japan).
- 2016 – 2019** Member of a bilateral project France - UK (CNRS - Royal Society project) “Non-Classical Reasoning for Enhanced Ontology-based Semantic Technologies” (University of Cardiff).
- 2016 – 2019** Member of the European Project H2020-MSCA-RISE-2015 “High Dimensional Heterogeneous Data based Animation Techniques for Southeast Asian Intangible Cultural Heritage Digital Content.”. Partners: CRIL (Lens), NCCA (UK), HMI (Vietnam), CAMT (Thailand), CICT (Vietnam) et ViCube (Malaysia).
- 2014 – 2018** Member of the ANR Project **AMANDE** “Multi-Agent Argumentation for Negotiation and Deliberation”. *Coordinator of the project*, together with Elise Bonzon and Nicolas Maudet. *Scientific Leader* for CRIL. Partners: CRIL (Lens), LAMSADE (Paris Dauphine), LIP6 (Paris 6), IRT (Toulouse).
- 2016 – 2019** Member of a bilateral project France - Brazil (CNRS - FACEPE project) “Reconciling Description Logic and Non-Monotonic Reasoning in the Legal Domain”. (UPFE - Federal University of Pernambuco)
- 2013 – 2016** Member of the ANR Project ASPIQ “ASP technologies for Querying large scale multisource heterogeneous web information”. Partners: CRIL (Lens), LERIA (Angers), LIRMM (Montpellier), LSIS (Marseille).
- 2009 – 2012** Member of the ANR Project COMSOC “Computational Social Choice”. *Scientific Leader* for CRIL. Partners: CREM (Caen), CRIL (Lens), LAMSADE (Paris IX), PREG (Polytechnique).
- 2006 – 2009** Member of the ANR Project PHAC “Représentation, élicitation et agrégation de préférences sur des domaines combinatoires: nouvelles méthodes et applications”. Partners: CRIL (Lens), ILOG (Valbonne), IRT (Toulouse), LAMSADE (Paris IX), LIP6 (Paris VI), ONERA-CERT (Toulouse).
- 2006 – 2007** Participation to a one-year working group program organised by the philosophy department (STL UMR 8163 CNRS) of Lille University on belief change. That working group gathers researchers from philosophy, computer science, and economics.
- 2001 – 2005** Member of a french project STIC-SHS (*computer science and social science*) between researchers in economics, operational research and computer science: “De l’intelligence artificielle aux sciences de la décision: modèles formels de la prise de décision pour les agents autonomes”.
- 2001 – 2003** Member of the french project (programme “Cognitique”) between researchers in economics (EUREQua, Paris 1), psychology (LTC, Toulouse) and computer science (IRT, Toulouse).

Program Committees

Editorial Committee Member

2024 – 2027	Artificial Intelligence
2010 – 2013	Journal of Artificial Intelligence Research
2010 – 2015	Revue d'Intelligence Artificielle (French)
2008 – 2014	Revue Information - Interaction - Intelligence (I3) (French)
2006	Invited editor of a special issue of Information Fusion

Program Committee Chair

2014	International Workshop on Non-Monotonic Reasoning (NMR'14)
2012	Workshop on Belief change, Non-monotonic reasoning and Conflict resolution (BNC@ECAI'12)
2011	Journées Francophones sur les Modèles Formels de l'Interaction (MFI'11)
2007	Workshop on Logics and Collective Decision making (LCD'07)

Program Committee Member

IJCAI	International Joint Conference on Artificial Intelligence ('09,'17) Senior PC: ('11,'13,'15,'16,'18,'19,'21,'22,'24) - Area Chair: ('20)
ECAI	European Conference on Artificial Intelligence ('08,'10,'12,'14,'16,'18,'20,'24)
AAAI	AAAI Conference on Artificial Intelligence ('10,'11,'12,'15,'18,'19,'20,'21,'22)
KR	International Conference on Principles of Knowledge Representation and Reasoning ('08,'10,'12,'14,'16,'18,'20,'22) - Area Chair: ('21,'23,'24)
AAMAS	International Conference on Autonomous Agents and Multiagent Systems ('08,'11,'12,'14,'15,'16,'17,'18,'19,'20,'21,'22,'23,'24)
ECSQARU	European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty ('11,'13,'15,'17,'19,'21,'23)
NMR	International Workshop on Non-Monotonic Reasoning ('02,'10,'14,'16,'18,'20,'21,'22,'23,'24)
JELIA	European Conference on Logics in Artificial Intelligence ('14,'16,'19,'21,'23)
COMMA	International Conference on Computational Models of Argument ('16,'18,'20,'22,'24)
FoIKS	International Symposium on Foundations of Information and Knowledge Systems ('10,'12,'14,'16,'18,'22,'24)
PRICAI	Pacific Ring Conference on Artificial Intelligence ('19,'21,'22,'23)
FUSION	International Conference on Information Fusion ('06,'07,'08,'09,'10,'11,'13)

Program Committee Member (national conferences)

RFIA	Congrès Francophone Reconnaissances des Formes et Intelligence Artificielle ('08,'10,'12,'16,'18,'20)
JIAF	Journées d'Intelligence Artificielle Fondamentale ('07,'08,'09,'10,'11,'12,'13,'14,'15,'16,'17,'18,'19,'20,'22,'23,'24)

Journal Reviews

- *Artificial Intelligence, Journal of Artificial Intelligence Research, Journal of Logic and Computation, Journal of Philosophical Logic, Journal of Applied Non-Classical Logics, Mathematical Social Sciences, Mathematical Logic Quarterly, Information Sciences, Journal of Applied Logic, Journal of Automated Reasoning, Theoretical Computer Science, IEEE Transactions on Systems Man and Cybernetics - Part B.*

Invited Talks and Tutorials

- 2023** Invited Talk. “On epistemic spaces for iterated belief revision”. Workshop on AI-driven heterogeneous data management (ENIGMA@KR). Rhodes, Greece.
- 2023** Tutorial. “Belief Merging”. Institut d’Automne en Intelligence Artificielle (IA2), Setes, France.
- 2023** Invited Talk. “Credible Models of Belief Update”. University of Hagen, Germany.
- 2022** Invited Talk. “On Iterated Belief Revision”. Workshop on Formal and Cognitive Reasoning (FCR@KI). Trier (virtual), Germany.
- 2022** Invited Talk. “On Iterated Belief Revision”. National Institute of Informatics (NII), Tokyo, Japan.
- 2018** Invited Talk. “Iterated Contraction”. Kobe University, Japan.
- 2016** Invited Talk. “Enumerating Minimal Unsatisfiable Subsets for Different Reasoning Tasks using Inconsistency Values: The PRISM Platform”. Kobe University, Japan.
- 2012** Invited Talk. “Propositional merging in the light of social choice theory properties”. Workshop on Algorithmic Aspects of Information Fusion, DIMACS, New Jersey, USA.
- 2014** Invited Talk. “Belief Revision: Iteration, Credibility Limited, Improvement”. National Institute of Informatics (NII), Tokyo, Japan.
- 2010** Tutorial. “Information Fusion and Social Choice” : COST-ADT Doctoral School on Computational Social Choice, (<http://cost-ic0602.org/>), Estoril, Portugal.
- 2009** Invited Talk. “Iterated Belief Revision and Improvement Operators”. **Preference Change Workshop**. London School of Economics (LSE), London, UK.
- 2006** Invited Talk. “Around Propositional Base Merging”. *8th Augustus De Morgan Workshop: Belief revision, belief merging and social choice (ADMW’06)*. King’s College, London, UK.

Distinctions

- 2010** P. Everaere, S. Konieczny, P. Marquis. The epistemic view of belief merging: can we track the truth?. *Nineteenth European Conference on Artificial Intelligence (ECAI’10)*. Nominated for the best paper award.
(607 submissions - 134 accepted papers - 7 nominated papers).
- 2006** A. Hunter, S. Konieczny. Shapley Inconsistency Values. *Tenth International Conference on Principles of Knowledge Representation and Reasoning (KR’06)*, 249-259. Nominated for the best paper award.
(210 submissions - 50 accepted papers - 7 nominated papers).
- 2004** S. Konieczny, J. Lang and P. Marquis. Raisonnement en présence d’incohérence: le connecteur oublié. *Actes du 14e Congrès AFRIF-AFIA Reconnaissance des Formes et Intelligence Artificielle (RFIA’04)*, 1091-1100.
Best paper award.

PhD Thesis Supervision

- 2023 – ...** Juliette Halal Rossie “Voting for deliberating on online argumentative platforms”
- 2021 – ...** Ariane Ravier “Social ranking under uncertainty”
- 2021 – ...** Quentin Elsaesser “Reliability estimation by confronting sources of information”
- 2019 – 2022** Truong Thanh Ma “On Merging of Open-Domain Ontologies”.
- 2017 – 2021** Anis Gargouri “On the support relation in abstract argumentation”.
- 2014 – 2017** Jérôme Delobelle “Ranking-based semantics for Abstract Argumentation”.
- 2012 – 2016** Thomas Caridroit “Belief change and modal logics”.
- 2012 – 2015** Jean-Guy Mailly “Dynamics of Argumentation Frameworks”.
- 2005 – 2009** Ramzi Ben Larbi, “A model for multi-agent decision under strict uncertainty. ”
- 2003 – 2006** Patricia Everaere, “Strategical aspects of belief merging.”

Professional Service

- 2023 – ...** **Member of the evaluation committee of ANR CE23: Intelligence Artificielle.** This committee decides the ANR Grants for multi-team cooperations, young researchers, industrial cooperation, and international collaborations.
- 2023 – ...** **Member of the jury of the Prize Lovelace-Babbage of the French Academy of Science and of the French Computer Science Society (SIF)** (<https://www.societe-informatique-de-france.fr/recherche/prix-lovelace-babbage/>). This prize rewards two young researchers in Computer Science (a male and a female of less than 40 years old or less than 12 years since the PhD).
- 2023 – ...** Head of the online seminar of GDR RADIA (<https://www.gdria.fr/seminaire/>) and in charge of the Youtube page where these talks (and talks from the autumn school IA2) are put online (<https://www.youtube.com/@gdrradia>).
- 2023** Member of Recruiting Committees (Université Paris Sorbonne).
- 2016 – 2023** **Director of GDR IA** [<http://www.gdria.fr>]. GDR IA is the CNRS national structure in charge of the scientific animation of the french AI community (I created and launched this structure in 2016). In particular:
- **Creation of the IA²** (“Institut d’Automne en Intelligence Artificielle”) **french AI autumn school in 2017**. I was the scientific chair between 2017 and 2019. And I was the organisation chair between 2017 and 2022. The 7th edition will take place in 2024 in Nice (Sophia Antipolis).
- 2019** Member of the evaluation committee of ANR for Computer Science for a call for international Japanese-German-French projects.
- 2016 – 2017** **Leader of the “Academic Research” Working Group for the French Governmental Report on AI #FranceIA** (<https://www.economie.gouv.fr/France-IA-intelligence-artificielle>) - The full report of the WG is here (in French): [[report](#)]
- 2013 – ...** Head of the research group “Représentation des connaissances et raisonnement” at CRIL
- 2013 – 2018** Member of CRIL laboratory committee (conseil de laboratoire)
- 2018** Expert for the Luxembourg research ministry.
- 2012 – 2015** Member of the AFIA board (conseil d’administration).
- 2015** President of Recruiting Committee (Université d’Artois).
- 2015** Expert for the Luxembourg research ministry.
- 2015** Expert for the ECOS Nord cooperation program.
- 2014** Expert for ANR (programmes Blanc, Jeunes Chercheuses et Jeunes Chercheurs, International).
- 2014** President of 2 Recruiting Committees (Université d’Artois).
- 2013** **Member of the evaluation committee of ANR for computer science.** This committee decides the ANR Grants for multi-team cooperations, young researchers, industrial cooperation, and international collaborations.
- 2013** President of 3 Recruiting Committees (Université d’Artois).
- 2007 – 2013** **Head of the working group: Intelligence Artificielle Fondamentale (Fundamental Artificial Intelligence)** of GDR I3 (Information, Interaction, Intelligence). In particular:
- **Creation of the JIAF** (“Journées d’Intelligence Artificielle Fondamentale”) French conference, devoted to symbolic AI, in 2007, and Scientific Chair of this conference between 2007 and 2013. The 17th edition will take place in 2024.
- 2012** Expert for the Luxembourg research ministry.
- 2012** President of 2 Recruiting Committees (Université d’Artois).
- 2011** Expert for ANR (Programme ANR CONTINT).
- 2011** Expert for the Cyprus research ministry.
- 2005 – 2009** Member of CRIL laboratory committee (conseil de laboratoire).

- 2004 – 2009** Head of CRIL seminars.
- 2009** Member of 2 Recruiting Committees (Université Paris Dauphine).
- 2007 – 2009** Member of Recruiting Committee (Université d'Artois).
- 2007 – 2009** Member of Recruiting Committee (Université de Lille 1).
- 2003 – 2004** Member of Recruiting Committee (Université d'Aix-Marseille 1).
- 1999** Member of the Scientific Council of Université de Lille 1.

Organisation of Conferences and Summer Schools

- 2022** Institut d'Automne en Intelligence Artificielle (IA²) - Porquerolles - French Automn School - *Organization Chair* (<http://ia2.gdria.fr>).
- 2020** Institut d'Automne en Intelligence Artificielle (IA²) - Paris+Online - French Automn School - *Organization Chair* (<http://ia2.gdria.fr>).
- 2019** Institut d'Automne en Intelligence Artificielle (IA²) - Lyon - French Automn School - *Chair (Program + Organization)* (<http://ia2.gdria.fr>).
- 2018** Institut d'Automne en Intelligence Artificielle (IA²) - Toulouse - French Automn School - *Chair (Program + Organization)* (<http://ia2.gdria.fr>).
- 2017** Institut d'Automne en Intelligence Artificielle (IA²) - Lyon - French Automn School - *Chair (Program + Organization)* (<http://ia2.gdria.fr>).
- 2015** Advanced Course on Artificial Intelligence (ACAI'15) - *Chair (Program + Organization)* (<http://www.cril.fr/acai15/>).
- 2003** World Congress on Paraconsistency (WCP'03) - *Member of organization committee*.
- 2002** International Conference on Principles of Knowledge Representation and Reasoning (KR'02) - *Member of organization committee*.
- 2001** Journées Nationales sur les Modèles de Raisonnement (JNMR'01) - *Chair of organization committee*.

Visits and Invitations

Visits

- 2024** Tokyo National Institute of Advanced Industrial Science and Technology (AIST) (Invitation from Nicolas Schwind). 1 week
- 2024** Madeira University (Invitation from Eduardo Fermé). 1 week.
- 2022** Tokyo National Institute of Informatics (NII) (Invitation from Katsumi Inoue). 3 weeks.
- 2018** Tokyo National Institute of Informatics (NII) (Invitation from Katsumi Inoue). 4 weeks.
- 2017** Tokyo National Institute of Advanced Industrial Science and Technology (AIST) (Invitation from Nicolas Schwind). 4 weeks.
- 2016** Tokyo National Institute of Informatics (NII) (Invitation from Katsumi Inoue). 3 weeks.
- 2014** Tokyo National Institute of Informatics (NII) (Invitation from Katsumi Inoue). 3 weeks.
- 2011** Madeira University (Cooperation project with Eduardo Fermé). 2 weeks.
- 2003 – 2005** University College London (Cooperation project with Anthony Hunter). 2 weeks / year.
- 2003** University of Leipzig (Invitation from Gerhard Brewka and Richard Booth). 1 week.

Invitations

The following colleagues visited CRIL on my invitation:

2022	Eduardo Fermé, Madeira University, Portugal. 2 weeks.
2019	Ramón Pino Pérez, Universidad de Los Andes, Venezuela. 1 month.
2015	Ramón Pino Pérez, Universidad de Los Andes, Venezuela. 6 months.
2013	Ramón Pino Pérez, Universidad de Los Andes, Venezuela. 1 month.
2012	Ramón Pino Pérez, Universidad de Los Andes, Venezuela. 2 months.
2010	Eduardo Fermé, Madeira University, Portugal. 2 weeks.
2010	Ramón Pino Pérez, Universidad de Los Andes, Venezuela. 1 month.
2009	Richard Booth, Mahasarakham University, Thailand. 3 months.
2007	Ramón Pino Pérez, Universidad de Los Andes, Venezuela. 8 months.
2003 – 2005	Anthony Hunter, University College London, UK. 1 week / year.

Softwares

- ▶ I am the scientific leader of the coscinus project (www.coscinus.fr). The aim is to study the closeness between Computer Science conferences using an objective evaluation: the number of publications of authors, based on data coming from DBLP. We also develop tools for finding experts related to a domain (by choosing a conference) or to a person, using the closeness between conferences.
- ▶ Belief Revision Games [BRG]. Belief revision games (BRGs) aim at studying the dynamics of the beliefs of a group of communicating agents, where at each step every agent revises (using revision policies based on belief merging operators) her own beliefs by taking account for the beliefs of her acquaintances. The BRG software allows to do experimentations and to illustrate our theoretical papers on this topic.
- ▶ PRISM is a java-based evolutive platform that allows to perform different reasoning tasks such as inference, belief revision or conciliation using MI Shapley inconsistency value. It is suited for academic purposes.
- ▶ SAT Encodings for efficient Belief Revision [br2cnf] and Belief Merging [bm2cnf]. This allows to compute the result of the (distance-based) revision and merging operators for instances with hundreds of variables. We also provide a generator of (structured) belief merging instances based on time tabling problems: [tt2bm].

Teaching

- ▶ Below are reported only my recent teaching duties:

2021 – ...	<i>Belief Change and Decision Theories</i> (30h). Master in Computer Science. Université d'Artois.
2016 – 2020	<i>Decision Theories</i> (20h). Master in Computer Science. Université d'Artois.
2015 – ...	<i>Group Decision and Voting Theory</i> (24h). Licence (1st year). Université d'Artois.
2007 – 2020	<i>Voting Theory</i> (12h). Licence Professionnelle Ressources Humaines (3rd year). IUT de Lens.
2003 – 2015	<i>Advanced Techniques for Artificial Intelligence</i> (20h). Master in Computer Science. Université d'Artois.
2019 – ...	<i>Databases</i> (12h). Master in Computer Science. Université d'Artois.
2009 – 2018	<i>Databases</i> (24h). Master in Computer Science. Université d'Artois.
2004 – 2007	<i>Game Theory</i> (20h). Master in Economics. Université d'Artois.

Company Training Courses

- 2023** 3 days course “Introduction to AI” for **CNRS Formation** (people from different companies/institutions register for this formation)
- 2022** 3 days course “Introduction to AI” for **CNRS Formation** (people from different companies/institutions register for this formation)
- 2019** 3 days course “Introduction to AI” for **CNRS Formation** (people from different companies/institutions register for this formation)
- 2019** 3 days course “Introduction to AI” for Schlumberger.
- 2018** 2 days course “Introduction to AI” for Michelin.
- 2018** 2 days course “Introduction to AI” for Orange.
- 2017** 3 days course “Introduction to AI” for Michelin.

Media & Vulgarization

- 2024** Conference at Valenciennes municipal library. L’intelligence artificielle : ses enjeux et quel impact de L’I.A. dans notre société de demain.
- 2024** Conference at Fresnes-sur-Escaut municipal library - Mois du numérique. Qu’est-ce que l’intelligence artificielle?
- 2024** Conference at Douai municipal library. Passé, présent et futur de l’Intelligence artificielle.
- 2024** Conference at Bruay-la-Buissière Rotary Club. Doit-on avoir peur de l’intelligence artificielle ?
- 2023** Conference for the Communauté Urbaine d’Arras - Mois du Numérique. Introduction à l’intelligence artificielle.
- 2023** Interview for Sciences et Avenir: “Intelligence artificielle consciente : le retour d’un fantasme”.
- 2023** Interview for Hello Future: “Au-delà du test de Turing : l’IA encore en-deçà des défis auxquels l’esprit humain fait face”.
- 2023** Interview for France24: “Comment un monstre de Lovecraft est devenu un symbole du côté obscur des IA comme ChatGPT”.
- 2022** Interview for La Tribune: “Intelligence artificielle, la mauvaise réputation ?”.
- 2022** **Free online publication of our book “L’intelligence artificielle. De quoi s’agit-il vraiment ?”** to make it available for everyone (<http://ia.gdria.fr>).
- 2021** **Co-editor (with Henri Prade) of the vulgarisation book “Artificial Intelligence. What is it, exactly?”** published by College Publication. This is a translation (and update) of the 2020 french book. <https://www.amazon.fr/Artificial-Intelligence-exactly-Sebastien-Konieczny/dp/1848903383>
- 2020** **Co-editor (with Henri Prade) of the vulgarisation book “L’intelligence artificielle. De quoi s’agit-il vraiment ?”** published by Cepaduès (<https://www.cephadues.com/livres/l-intelligence-artificielle-quoi-agit-vraiment-9782364938502.html>).
- 2019** Conference at Lievin Public Library. “Qu’est-ce que l’intelligence artificielle”.
- 2019** Conférence for the hospital emergency group of Nord-Pas-de-Calais “La révolution de l’intelligence artificielle - Enjeux humains et sociétaux pour la médecine”.
- 2019** Conference at Arras Public Library. “L’intelligence artificielle : ses enjeux et quel impact de L’I.A. dans notre société de demain”.
- 2018** Conference at Arras Public Library. “Qu’est-ce que l’intelligence artificielle”.
- 2018** Interview for *Usbek et Rica* : “Poker en ligne : les bots finiront-ils par chasser les humains ?”
- 2018** Interview for *Atlantico* : “L’intelligence artificielle, une chance pour ceux qui savent écouter leur intuition”
- 2017** Interview in *Science et Vie Junior*: “Le test de Turing, un bon test ?”

- 2017** Interview in *Le Parisien* : “Libratus : l’ordinateur qui sait nous bluffer au poker”
- 2017** Interview in *l’Abécédaire des institutions* : “Il y a un réel risque de décrochage de la France”
- 2017** Interview in *Le Temps* : “L’intelligence artificielle, aussi raciste et sexiste que nous”
- 2017** TV Show <https://www.lespritsorcier.org> for the “fête de la science” recorded at La Cité des Sciences (Paris) “Qu’est-ce que l’intelligence artificielle”
- 2016** Article in *Huffington Post* : “L’intelligence artificielle, menace ou avancée?”
- 2016** Interview in *l’Humanité* : “Sébastien Konieczny : “La machine n’a pas d’intuition, elle se contente de calculer” ”
- 2016** Interview in *l’Express* : “Jeu de go: l’ordinateur a battu l’homme, mais ce n’est pas (si) révolutionnaire ”
- 2012** Participation to “Olympiades des métiers”. Introduction to the researcher job and to social choice theory for secondary school students.

Publications

Synthesis

- 21** Articles in international journals (AIJ[4], JAIR[2], JLC[4], JANCL[3], JPL, AMAI, EJOR, IJAR, IJIS, Fundamenta Informaticae, Information Fusion)
 - 4** Edited books & journal special issues
 - 7** Book chapters
 - 81** Communications in international conference proceedings (IJCAI[13], ECAI[5], AAAI[7], KR[28], AAMAS[3], JELIA[4], ECSQARU[10], COMMA[2], ICTAI[2], SUM[4], LORI[2], KSEM)
 - 16** Communications in international workshops with program committee
 - 12** Communications in international workshops on invitation
 - 35** Communications in national conferences
- Second contributor (after Giuseppe De Giacomo) to KR (International Conference on Knowledge Representation and Reasoning - Core Ranking A*) with 28 papers [kr@coscinus]

International Journals

1. Sébastien Konieczny, Ramón Pino Pérez. A framework for iterated revision. *Journal of Applied Non-Classical Logics*. 10(3-4). 339-367. 2000.
2. Sébastien Konieczny, Ramón Pino Pérez. Merging information under constraints: a logical framework. *Journal of Logic and Computation*. 12(5). 773-808. 2002.
3. Sébastien Konieczny, Didier Dubois, Henri Prade. Quasi-possibilistic logic and its measures of information and conflict. *Fundamenta Informaticae*. 57(2-4). 101-125. 2003.
4. Sébastien Konieczny, Jérôme Lang, Pierre Marquis. DA² merging operators. *Artificial Intelligence*. 157(1-2). 49-79. 2004.
5. Sébastien Konieczny. Belief base merging as a game. *Journal of Applied Non-Classical Logics*. 14(3). 275-294. 2004.
6. Sébastien Konieczny, Ramón Pino Pérez. Propositional belief base merging or how to merge beliefs/goals coming from several sources and some links with social choice theory. *European Journal of Operational Research*. 160(3). 785-802. 2005.
7. Sylvie Coste-Marquis, Caroline Devred, Sébastien Konieczny, Marie-Christine Lagasquie-Schiex, Pierre Marquis. On the merging of Dung’s argumentation systems. *Artificial Intelligence*. 171740-753. 2007.

8. Olivier Gauwin, Sébastien Konieczny, Pierre Marquis. Conciliation through iterated belief merging. *Journal of Logic and Computation*. 17(5). 909-937. 2007.
9. Patricia Everaere, Sébastien Konieczny, Pierre Marquis. The strategy-proofness landscape of merging. *Journal of Artificial Intelligence Research*. 2849-105. 2007.
10. Philippe Besnard, Sébastien Konieczny, Pierre Marquis. Bipolarity in bilattice logics. *International Journal of Intelligent Systems*. 23(9). 1046-1061. 2008.
11. Anthony Hunter, Sébastien Konieczny. On the measure of conflicts: Shapley Inconsistency Values. *Artificial Intelligence*. 174(14). 1007-1026. 2010.
12. Patricia Everaere, Sébastien Konieczny, Pierre Marquis. Disjunctive merging: Quota and Gmin merging operators. *Artificial Intelligence*. 174(12-13). 824-849. 2010.
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123. Didier Dubois, Sébastien Konieczny, Henri Prade. Quasi-possibilistic logic and measures of information and conflict. *First International Workshop on Knowledge Representation and Approximate reasoning (KR&AR'03)*. 2003.
124. Sébastien Konieczny, Jérôme Lang, Pierre Marquis. Measures of contradiction and information in propositional bases. *Third World Congress on Paraconsistency (WCP'03)*. 2003.
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139. Patricia Everaere, Sébastien Konieczny, Pierre Marquis. Judgments aggregation based on the number of votes. *COST Action IC1205 on Computational Social Choice - Meeting on Judgment Aggregation and Matching*. 2013.
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