

Liste de publications

Antoine Amarilli

18 juin 2021

1 Conférences internationales avec comité de lecture

- [1] Antoine AMARILLI, Louis JACHET et Charles PAPERMAN. “Dynamic Membership for Regular Languages”. In : *ICALP*. 2021.
- [2] Antoine AMARILLI et Benny KIMELFELD. “Uniform Reliability of Self-Join-Free Conjunctive Queries”. In : *ICDT*. 2021.
- [3] Osnat DRIEN, Antoine AMARILLI et Yael AMSTERDAMER. “Managing Consent for Data Access in Shared Databases”. In : *ICDE*. Short paper. 2021.
- [4] Antoine AMARILLI et İsmail İlkan CEYLAN. “A Dichotomy for Homomorphism-Closed Queries on Probabilistic Graphs”. In : *ICDT*. 2020.
- [5] Julien ROMERO, Nicoleta PREDA, Antoine AMARILLI et Fabian M. SUCHANEK. “Equivalent Rewritings on Path Views with Binding Patterns”. In : *ESWC*. 2020.
- [6] Julien ROMERO, Nicoleta PREDA, Antoine AMARILLI et Fabian M. SUCHANEK. “Computing and Illustrating Query Rewritings on Path Views with Binding Patterns”. In : *CIKM*. Demo paper. 2020.
- [7] Antoine AMARILLI, Pierre BOURHIS, Stefan MENGEL et Matthias NIEWERTH. “Constant-Delay Enumeration for Nondeterministic Document Spanners”. In : *ICDT*. 2019.
- [8] Antoine AMARILLI, Pierre BOURHIS, Stefan MENGEL et Matthias NIEWERTH. “Enumeration on Trees with Tractable Combined Complexity and Efficient Updates”. In : *PODS*. 2019.
- [9] Andy SHIH, Guy Van den BROECK, Paul BEAME et Antoine AMARILLI. “Smoothing Structured Decomposable Circuits”. In : *NeurIPS*. Spotlight presentation. 2019.
- [10] Antoine AMARILLI et Michael BENEDIKT. “When Can We Answer Queries Using Result-Bounded Data Interfaces?” In : *PODS*. 2018.
- [11] Antoine AMARILLI, Pierre BOURHIS et Stefan MENGEL. “Enumeration on Trees under Relabelings”. In : *ICDT*. 2018.
- [12] Antoine AMARILLI, Mikaël MONET et Pierre SENELLART. “Connecting Width and Structure in Knowledge Compilation”. In : *ICDT*. 2018.
- [13] Antoine AMARILLI et Charles PAPERMAN. “Topological Sorting under Regular Constraints”. In : *ICALP*. 2018.
- [14] Antoine AMARILLI, Yael AMSTERDAMER, Tova MILO et Pierre SENELLART. “Top-k Queries on Unknown Values under Order Constraints”. In : *ICDT*. 2017.
- [15] Antoine AMARILLI, M. Lamine BA, Daniel DEUTCH et Pierre SENELLART. “Possible and Certain Answers for Queries over Order-Incomplete Data”. In : *TIME*. 2017.

- [16] Antoine AMARILLI, Pierre BOURHIS, Louis JACHET et Stefan MENGEL. “A Circuit-Based Approach to Efficient Enumeration”. In : *ICALP*. 2017.
- [17] Antoine AMARILLI, Pierre BOURHIS, Mikaël MONET et Pierre SENELLART. “Combined Tractability of Query Evaluation via Tree Automata and Cycluits”. In : *ICDT*. 2017.
- [18] Antoine AMARILLI, Mikaël MONET et Pierre SENELLART. “Conjunctive Queries on Probabilistic Graphs: Combined Complexity”. In : *PODS*. 2017.
- [19] Luis GALÁRRAGA, Simon RAZNIEWSKI, Antoine AMARILLI et Fabian M. SUCHANEK. “Predicting Completeness in Knowledge Bases”. In : *WSDM*. 2017.
- [20] Antoine AMARILLI, Michael BENEDIKT, Pierre BOURHIS et Michael VANDEN BOOM. “Query Answering with Transitive and Linear-Ordered Data”. In : *IJCAI*. 2016.
- [21] Antoine AMARILLI, Pierre BOURHIS et Pierre SENELLART. “Tractable Lineages on Treelike Instances: Limits and Extensions”. In : *PODS*. 2016.
- [22] Antoine AMARILLI, Silviu MANIU et Mikaël MONET. “Challenges for Efficient Query Evaluation on Structured Probabilistic Data”. In : *SUM*. 2016.
- [23] Antoine AMARILLI et Michael BENEDIKT. “Combining Existential Rules and Description Logics”. In : *IJCAI*. 2015.
- [24] Antoine AMARILLI et Michael BENEDIKT. “Finite Open-World Query Answering with Number Restrictions”. In : *LICS*. 2015.
- [25] Antoine AMARILLI, Pierre BOURHIS et Pierre SENELLART. “Provenance Circuits for Trees and Treelike Instances”. In : *ICALP*. 2015.
- [26] Antoine AMARILLI, Yael AMSTERDAMER et Tova MILO. “On the Complexity of Mining Itemsets from the Crowd Using Taxonomies”. In : *ICDT*. 2014.
- [27] Ruiming TANG, Antoine AMARILLI, Pierre SENELLART et Stéphane BRESSAN. “Get a Sample for a Discount: Sampling-Based XML Data Pricing”. In : *DEXA*. 2014.

2 Workshops internationaux avec comité de lecture

- [28] Antoine AMARILLI. “Structurally Tractable Uncertain Data”. In : *SIGMOD/PODS Ph.D. Symposium*. 2015.
- [29] Aliaksandr TALAIKA, Joanna BIEGA, Antoine AMARILLI et Fabian M. SUCHANEK. “IBEX: Harvesting Entities from the Web Using Unique Identifiers”. In : *WebDB*. 2015.
- [30] Antoine AMARILLI. “The Possibility Problem for Probabilistic XML”. In : *AMW*. 2014.
- [31] Antoine AMARILLI, Yael AMSTERDAMER et Tova MILO. “Uncertainty in Crowd Data Sourcing under Structural Constraints”. In : *UnCrowd*. 2014.
- [32] Marilena OITA, Antoine AMARILLI et Pierre SENELLART. “Cross-Fertilizing Deep Web Analysis and Ontology Enrichment”. In : *VLDS*. 2012.

3 Conférences nationales avec comité de lecture

- [33] Antoine AMARILLI et Pierre SENELLART. “On the Connections between Relational and XML Probabilistic Data Models”. In : *BNCOD*. 2013.

4 Brevets

- [34] Antoine AMARILLI, Mehryar MOHRI et Cyril ALLAUZEN. *Minimum Bayesian Risk Methods for Automatic Speech Recognition*. US Patent 9123333. 2015.

5 Articles de revues avec comité de lecture

- [35] Antoine AMARILLI et Michael BENEDIKT. “Finite Open-World Query Answering with Number Restrictions”. In : *ToCL* 2020 (2020).
- [36] Antoine AMARILLI, Pierre BOURHIS, Stefan MENGEL et Matthias NIEWERTH. “Constant-Delay Enumeration for Nondeterministic Document Spanners”. In : *TODS* (2020).
- [37] Antoine AMARILLI, M. Lamine BA, Daniel DEUTCH et Pierre SENELLART. “Computing Possible and Certain Answers over Order-Incomplete Data”. In : *TCS* 2019 (2019).
- [38] Antoine AMARILLI, Pierre BOURHIS, Mikaël MONET et Pierre SENELLART. “Evaluating Datalog via Tree Automata and Cycluits”. In : *ToCS* 2019 (2019).
- [39] Antoine AMARILLI, Florent CAPELLI, Mikaël MONET et Pierre SENELLART. “Connecting Knowledge Compilation Classes and Width Parameters”. In : *ToCS* 2019 (2019).
- [40] Antoine AMARILLI, Michael BENEDIKT, Pierre BOURHIS et Michael VANDEN BOOM. “Query Answering with Transitive and Linear-Ordered Data”. In : *JAIR* 2018 (2018).
- [41] Antoine AMARILLI. “Possibility for Probabilistic XML”. In : *ISI* (2015).
- [42] Ruiming TANG, Antoine AMARILLI, Pierre SENELLART et Stéphane BRESSAN. “A Framework for Sampling-Based XML Data Pricing”. In : *TLDKS* (2015).

6 Publications sans comité de lecture

- [43] Antoine AMARILLI, Silviu MANIU et Pierre SENELLART. “Intensional Data on the Web”. In : *ACM SIGWEB Newsletter* Summer 2015 (2015).
- [44] Antoine AMARILLI, Luis GALÁRRAGA, Nicoleta PREDA et Fabian M. SUCHANEK. “Recent Topics of Research around the YAGO Knowledge Base”. In : *APWEB*. 2014.
- [45] Antoine AMARILLI, Fabrice Ben HAMOUDA, Florian BOURSE, Robin MORISSET, David NACCACHE et Pablo RAUZY. “From Rational Number Reconstruction to Set Reconciliation and File Synchronization”. In : *TGC*. 2012.
- [46] Antoine AMARILLI, Sascha MÜLLER, David NACCACHE, Daniel PAGE, Pablo RAUZY et Michael TUNSTALL. “Can Code Polymorphism Limit Information Leakage?” In : *WISTP*. 2011.
- [47] Antoine AMARILLI, David NACCACHE, Pablo RAUZY et Emil SIMION. “Can a Program Reverse-Engineer Itself?” In : *IMACC*. 2011.

7 Prépublications soumises

- [48] Antoine AMARILLI et İsmail İlkan CEYLAN. “The Dichotomy of Evaluating Homomorphism-Closed Queries on Probabilistic Graphs”. Under review. 2021.
- [49] Antoine AMARILLI et Michael BENEDIKT. “When Can We Answer Queries Using Result-Bounded Data Interfaces?” Under review. 2018.