

Publications of Aidan Hogan by type

Type A

1. Aidan Hogan, Marcelo Arenas, Alejandro Mallea, Axel Polleres. Everything You Always Wanted to Know About Blank Nodes. *Journal of Web Semantics (JWS)* 27:42-69, Aug 2014. Elsevier Science, Amsterdam, The Netherlands. ISSN 1570-8268.
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3. Aidan Hogan, Pascal Hitzler, Krzysztof Janowicz. Linked Dataset Description Papers at the Semantic Web Journal: A Critical Assessment. *Semantic Web (SWJ)* 7(2):105-116, 2016. IOS Press, Amsterdam, The Netherlands. ISSN 1570-0844.
4. Ali Hasnain, Qaiser Mehmood, Syeda Sana e Zainab, Aidan Hogan. SPORAL: Profiling the Content of Public SPARQL Endpoints. *International Journal on Semantic Web and Information Systems (IJSWIS)* 12(3):134-163, 2016. IGI Global, Hershey, PA, USA. ISSN 1552-6283.
5. Yasar Khan, Muhammad Saleem, Muntazir Mehdi, Aidan Hogan, Qaiser Mehmood, Dietrich Rebholz-Schuhmann, Ratnesh Sahay. SAFE: SPARQL Federation over RDF Data Cubes with Access Control. *Journal of Biomedical Semantics (JBMS)* 8(1):1-22, 2017. BioMed Central, London, UK. ISSN 2041-1480.
6. Pierre-Yves Vandenbussche, Jürgen Umbrich, Luca Matteis, Aidan Hogan, Carlos Buil-Aranda. SPARQLES: Monitoring Public SPARQL Endpoints. *Semantic Web (SWJ)* 8(6):1049-1065, Aug 2017. IOS Press, Amsterdam, The Netherlands. ISSN 1570-0844.
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9. Aidan Hogan. The Semantic Web: Two Decades On. *Semantic Web (SWJ)* 11(1):169-185, Feb 2020. IOS Press, Amsterdam, The Netherlands. ISSN 1570-0844. Peer-reviewed editorial.
10. Jose L. Martinez-Rodriguez, Aidan Hogan, Ivan Lopez-Arevalo. Information Extraction meets the Semantic Web: A Survey. *Semantic Web (SWJ)* 11(2):255-335, Feb 2020. IOS Press, Amsterdam, The Netherlands. ISSN 1570-0844.
11. Henry Rosales-Méndez, Aidan Hogan, Bárbara Poblete. Fine-Grained Entity Linking. *Journal of Web Semantics (JWS)* 65:article 100600, Aug 2020. Elsevier Science, Amsterdam, The Netherlands. ISSN 1570-8268.

12. Aidan Hogan, Eva Blomqvist, Michael Cochez, Claudia d'Amato, Gerard de Melo, Claudio Gutierrez, Sabrina Kirrane, José Emilio Labra Gayo, Roberto Navigli, Sebastian Neumaier, Axel-Cyrille Ngonga Ngomo, Axel Polleres, Sabbir M. Rashid, Anisa Rula, Lukas Schmelzeisen, Juan F. Sequeda, Steffen Staab, Antoine Zimmermann. Knowledge Graphs. *ACM Computing Surveys (CSUR)* 54(4):1-37, Jul 2021. ACM Press, New York, NY, USA. ISSN 0360-0300.
13. Waqas Ali, Muhammed Salem, Bin Yao, Aidan Hogan, Axel-Cyrille Ngonga Ngomo. A Survey of RDF Stores & SPARQL Engines for Querying Knowledge Graphs. *The VLDB Journal (VLDBJ)* 31(3):1-26, 2022. Springer, New York, NY, USA. ISSN 1066-8888.
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15. Jaime Salas, Aidan Hogan. Semantics and Canonicalisation of SPARQL 1.1. *Semantic Web (SWJ)* 13(5):829-893, Nov 2022. IOS Press, Amsterdam, The Netherlands. ISSN 1570-0844.
16. Aidan Hogan. Technical Perspective - No PANE, No Gain: Scaling Attributed Network Embedding in a Single Server. *SIGMOD Record* 51(1):41, Jul 2022. ACM Press, New York, NY, USA. ISSN 0163-5808.
17. Domagoj Vrgoc, Carlos Rojas, Renzo Angles, Marcelo Arenas, Diego Arroyuelo, Carlos Buil-Aranda, Aidan Hogan, Gonzalo Navarro, Cristian Riveros, Juan Romero. MillenniumDB: An Open-Source Graph Database System. *Data Intelligence* 5:560-610, 2023. MIT Press, Boston, MA, USA. ISSN 2641-435X.
18. Diego Arroyuelo, Adrián Gómez-Brandón, Aidan Hogan, Gonzalo Navarro, Juan Reutter, Javiel Rojas-Ledesma, Adrián Soto. The Ring: Worst-Case Optimal Joins in Graph Databases using (Almost) No Extra Space. *Transactions on Database Systems (TODS)* 49(2):article 5, 2024. ACM Press, New York, NY, USA. ISSN 0362-5915.
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22. Renzo Angles, Naim Bro, Ivania Donoso-Guzmán, Aidan Hogan, Juan L. Reutter, Henry Rosales-Méndez, Sergio Toro. Telar and TelarKG: Data-Driven Insights into Chile’s Constitutional Process. *Communications of the ACM (CACM)* 67(1):78-79, Aug 2024. ACM Press, New York, NY, USA. ISSN 0001-0782.
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24. Claus Stadler, Muhammad Saleem, Qaiser Mehmood, Carlos Buil-Aranda, Michel Dumontier, Aidan Hogan, Axel-Cyrille Ngonga Ngomo. LSQ 2.0: A Linked Dataset of SPARQL Query Logs. *Semantic Web (SWJ)* 15(1):167-189, 2024. IOS Press, Amsterdam, The Netherlands. ISSN 1570-0844.

Type B

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Type H

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Type K

1. Olaf Hartig, Aidan Hogan, Juan Sequeda, ed. *Proceedings of the 5th Consuming Linked Data (COLD)*, Oct 2014. Riva del Garda, Italy. CEUR Publications. ISBN 0074-1264-1. <http://ceur-ws.org/Vol-1264/>.
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3. Olaf Hartig, Juan Sequeda, Aidan Hogan, ed. *Proceedings of the 7th Consuming Linked Data (COLD)*, Oct 2016. Kobe, Japan. CEUR Publications.
4. Jens Lehmann, Sören Auer, Sarven Capadisli, Krzysztof Janowicz, Christian Bizer, Tom Heath, Aidan Hogan, Tim Berners-Lee, ed. *Proceedings of the 10th Linked Data on the*

Web (LDOW), Apr 2017. Perth, Australia. CEUR Publications. ISBN 978-3-319-59146-9. Colocated with WWW.

5. Tim Berners-Lee, Sarven Capadisli, Stefan Dietze, Aidan Hogan, Krzysztof Janowicz, Jens Lehmann, ed. *Proceedings of the 11th Linked Data on the Web (LDOW)*, Apr 2018. Lyon, France. CEUR Publications.
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9. Manolis Koubarakis, Harith Alani, Grigoris Antoniou, Kalina Bontcheva, John Breslin, Diego Collarana, Elena Demidova, Stefan Dietze, Simon Gottschalk, Guido Governatori, Aidan Hogan, Freddy Lecue, Elena Montiel Ponsoda, Axel-Cyrille Ngonga Ngomo, Sofia Pinto, Muhammad Saleem, Raphael Troncy, Eleni Tsalapati, Ricardo Usbeck, Ruben Verborgh, ed. *Proceedings of the 1st Advances in Semantics and Linked Data (ASLD)*, Nov 2020. Virtual Event. CEUR Publications.
10. Ruben Verborgh, Anastasia Dimou, Aidan Hogan, Claudia d'Amato, Ilaria Tiddi, Arne Bröring, Simon Maier, Femke Ongenaes, Riccardo Tommasini, Mehwish Alam, ed. *Proceedings of the 18th European Semantic Web Conference (ESWC)*, Jun 2021. Online. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-030-80417-6. Lecture Notes in Computer Science.
11. Lucie-Aimée Kaffee, Simon Razniewski, Aidan Hogan, ed. *Proceedings of the 2nd Wikidata Workshop (Wikidata)*, Oct 2021. Online. CEUR Publications.
12. Ulrike Sattler, Aidan Hogan, C. Maria Keet, Valentina Presutti, João Paulo A. Almeida, Hideaki Takeda, Pierre Monnin, Giuseppe Pirro, Claudia d'Amato, ed. *Proceedings of the 21st International Semantic Web Conference (ISWC)*, Oct 2022. Online. ISBN 978-3-031-19432-0.
13. Gianluca Demartini, Katja Hose, Maribel Acosta, Matteo Palmonari, Gong Cheng, Hala Skaf-Molli, Nicolas Ferranti, Daniel Hernández, Aidan Hogan, ed. *Proceedings of the 23rd International Semantic Web Conference (ISWC)*, Nov 2024. Baltimore, Maryland, U.S.. ISBN 978-3-031-77843-8.

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Type L0

1. Aidan Hogan. Skolemising Blank Nodes while Preserving Isomorphism. In *Proc. 24th International World Wide Web Conference (WWW)*, pp. 430-440, 2015. Florence, Italy. ACM Press, New York, NY, USA.
2. Larry González, Aidan Hogan. Modelling Dynamics in Semantic Web Knowledge Graphs with Formal Concept Analysis. In *Proc. 27 International World Wide Web Conference (WWW)*, pp. 1175-1184, Apr 2018. Lyon, France. ACM Press, New York, NY, USA.
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10. Aidan Hogan, Juan Reutter, Adrián Soto. In-Database Graph Analytics with Recursive SPARQL. In *Proc. 19th International Semantic Web Conference (ISWC)*, pp. 511-528, Nov 2020. ISBN 978-3-030-62419-4.

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Type L1

1. Emir Muñoz, Aidan Hogan, Alessandra Mileo. Using Linked Data to Mine RDF from Wikipedia's Tables. In *Proc. 7th International ACM Web Search and Data Mining Conference (WSDM)*, pp. 533-542, Feb 2014. New York, NY, USA. ACM Press, New York, NY, USA. ISBN 978-1-4503-2351-2.
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13. Bastian Inostroza, Raúl Cid, Aidan Hogan. RDF Playground: An Online Tool for Learning about the Semantic Web. In *Proc. 32nd International World Wide Web Conference (WWW)*, pp. 111-114, Apr 2023. Austin, Texas, US. ACM Press, New York, NY, USA. ISBN 978-1-4503-9416-1, 978-1-4503-9419-2. Poster & demo paper.
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15. Benjamín del Pino, Aidan Hogan. Wikidata Atlas: Putting Wikidata on the Map. In *Proc. 32nd International World Wide Web Conference (WWW)*, pp. 238-241, Apr 2023. Austin, Texas, US. ACM Press, New York, NY, USA. ISBN 978-1-4503-9416-1, 978-1-4503-9419-2. Poster & Demo paper.

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Type L2

1. Aidan Hogan, Claudio Gutierrez. Paths towards the Sustainable Consumption of Semantic Data on the Web. In Georg Gottlob, Jorge P'erez (ed.), *Proc. 8th Alberto Mendelzon International Workshop on Foundations of Data Management (AMW)*, pp. 1-3, Jun 2014. Cartagena, Colombia. CEUR Publications. CEUR Workshop Proceedings.
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4. Luca Matteis, Aidan Hogan, Roberto Navigli. Keyword-Based Navigation and Search over the Linked Data Web. In *Proc. Linked Data on the Web (LDOW)*, May 2015. Florence, Italy. CEUR Publications.
5. Daniel Hernández, Aidan Hogan, Markus Krötzsch. Reifying RDF: What Works Well With Wikidata?. In *Proc. 11th Scalable Semantic Web Systems (SWSS)*, pp. 32-47, Oct 2015. CEUR Publications.
6. Sebastian Ferrada, Benjamin Bustos, Aidan Hogan. IMGpedia: Enriching the Web of Data with Image Content Analysis. In Reinhard Pichler, Altigran Soares da Silva (ed.), *Proc. 10th Alberto Mendelzon International Workshop on Foundations of Data Management (AMW)*, pp. article 22, May 2016. Panama City, Panama. CEUR Publications. CEUR Workshop Proceedings.
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18. Marco Caballero, Aidan Hogan. Global Vertex Similarity for Large-Scale Knowledge Graphs. In Lucie-Aimée Kaffee, Oana Tifrea-Marcuska, Elena Simperl, Denny Vrandečić (ed.), *Proc. 1st Wikidata Workshop (Wikidata)*, pp. paper 16, Nov 2020. Virtual Event. CEUR Publications.

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