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EXPERIENCE

2020—Present	**Lecturer in Computer Science** Department of Informatics, King's College London, United Kingdom • I am the leader of WP2 in the H2020 project POLIFONIA, a 3 € million project to connect tangible and intangible assets in European music cultural heritage
2016—2020	**Postdoctoral researcher** Knowledge Representation & Reasoning, Vrije Universiteit Amsterdam, The Netherlands • I was the lead engineer for structured data in CLARIAH (https://clariah.nl/), a 32 € million project for integrating Digital Humanities data. I serve in CLARIAH's Technical Board as coordinator of the LOD Interest Group • Built large (10 billion triples) Knowledge Graphs for history and musicology • Developed automated Linked Data API construction methods (http://grlc.io) used by Elsevier, TNO, the eScience Center and 3200 other users
2012—2016	**PhD Candidate** Royal Dutch Academy of Arts and Sciences (KNAW), The Netherlands • I was a member of the CEDAR project (https://www.cedar-project.nl), the eHumanities Group (https://www.ehumanities.nl), and the digital archive Data Archiving and Networked Services (https://dans.knaw.nl/nl) • Co-developed methods for knowledge graph construction from messy spreadsheets, and standard implementations of RDF Data Cube • Built the first Dutch historical statistics Knowledge Graph of 6.8 million observations
2008—2011	**Research Assistant** Institute of Law and Technology (IDT-UAB), Universitat Autònoma de Barcelona, Spain • I was a member of the NEURONA and OGRC law semantic compliance projects, co-developed with S21 Sec (https://www.s21sec.com/en/) • Developed OWL ontologies and reasoning applications for automated checking of privacy law compliance
2006—2008	**Editor** LaButaca.net, Editor, Science Fiction & Fantasy
2006—2007	**Chief Developer & Network Administrator** Distronic S.L.
2003—2006	**Web Developer** Disertum Gestión Informática Empresarial S.L.

EDUCATION

2012—2016 **PhD in Computer Science**, Artificial Intelligence
Vrije Universiteit Amsterdam (The Netherlands)
- Thesis title: "Refining Statistical Data on the Web"
- I did research on new semantic technologies for Digital Humanities workflows. I developed novel ideas for data harmonization, for the separation of layout and knowledge in tabular data, and on sharing hypothesis-checking queries in distributed applications. I used these concepts to develop eScience applications in the domain of Social History.

2003—2011 **Master of Engineering**, Informatics Engineering
Barcelona School of Informatics, Universitat Politècnica de Catalunya (Spain)
- Honors grade in MSc project: "Development of modules for the GNU PDF project"
- Internship at the Free Software Foundation (https://www.fsf.org)

IMPACT

- I have 568 citations in Google Scholar, and my h-index is 12
- I have collected 270 stars in GitHub, and my projects have been forked 31 times
- My blog at https://www.albertmeronyo.org has been read by 7,880 unique users since summer of 2012
- My presentations at slideshare.net have been seen 9,338 times
- I have 684 followers on Twitter (https://twitter.com/albertmeronyo)
- I have been interviewed by the DARIAH outreach Working Group, the CLARIAH CORE dissemination team (https://clariah.nl/disseminatie/videos#clariah-core), the HUNI Australian Humanities Networked Infrastructure (https://old.nectar.org.au/news/sub-projects/update-huni-semantics), the DHBenelux conference organizers, and the Library of the Vrije Universiteit Amsterdam

COMPUTING SKILLS

I am passionate about the Web, and besides a working ontologist I am always eager to use Web-based technology to build quick prototypes and develop proof-of-concepts of novel research ideas. I have full command of the Semantic Web stack including SKOS taxonomies, OWL vocabulary engineering and reasoning, SPARQL querying, and Knowledge Graph construction. I develop applications covering the full stack of client-server communication, and I feel most comfortable at building intelligent middleware that makes science scalable and reproducible. Software I have authored, such as *grlc*, has shown uptake in both the developer (92 pull requests from 10 contributors) and user (3,200 unique users) communities.

- **Languages**: JavaScript, Python, Java, PHP, C, C++
- **DBMSs**: Virtuoso, Stardog, MongoDB, MySQL, Oracle, PostgreSQL
- **Data Science**: Jupyter, Docker, R, Shiny, NLTK, pandas, numpy, TensorFlow, magenta
- **W3C implementations**: CSV on the Web (https://github.com/CLARIAH/COW), RDF Data Cube (https://github.com/Data2Semantics/TabLinker), Linked Data Notifications (https://github.com/albertmeronyo/pyldn)
- **Library contributions**: rdflib, Jena, OWL API

TEACHING

Academic courses

1. **Digital Humanities in Practice**, 2019, 2020. Minor Digital Humanities and Social Analytics, Vrije Universiteit Amsterdam.

   Teacher, coordinator. I co-coordinated the course, proposed projects, connected students to institutions, supervised groups, and presented in classes.

2. **Knowledge Representation on the Web**, 2019, 2020. MSc in Artificial Intelligence, Vrije Universiteit Amsterdam.

   Teacher, coordinator. I co-coordinated the course, designed the course content, gave the lectures, and supervised student projects.

3. **Knowledge Representation**, 2015, 2016, 2017, 2018. MSc in Artificial Intelligence, Vrije Universiteit Amsterdam/Universiteit van Amsterdam.

   Teacher. I was responsible of reading group lessons, teaching assignment support lessons, and grading assignments and exams.

4. **Semantic Web**, 2016. Bachelor AI, Vrije Universiteit Amsterdam.

   Teacher. I designed assignments and wrote tools for automatic grading, and supervised and counseled one quarter of enrolled students.

5. **Intelligent Systems**, 2012, 2013. Bachelor Computer Science, Lifestyle Informatics, Information Multimedia and Management, Vrije Universiteit Amsterdam.

   Teacher. I co-wrote the codebase for the students' project *Astro Wars*, and graded one third of project reports.

Thesis supervision

Since 2012, I have formally supervised:
- **21** Bsc theses from the VU programs Information Technology, Information Multimedia & Management, and Lifestyle Informatics
- **12** Msc theses from the VU/UvA programs Information Science, Human Ambience, and Artificial Intelligence

PhD committees

I have participated in the defence committees and VIVAs of the following PhD candidates:
1. Herminio García González, *Semantic integration of heterogeneous big data sources.* University of Oviedo, 25 March 2021.

SELECTED PUBLICATIONS

According to Google Scholar (https://scholar.google.nl/citations?user=IOqo_BwAAAAJ&hl=en), as of 20 September, 2021 my publications have been cited **636** times and I have an h-index of **15**. The following is a list of my most important publications. A complete publication list is included at the end of this CV as an appendix, and available online (including links to preprints) at my homepage (https://www.albertmeronyo.org/publications/).

1. Albert Meroño-Peñuela, Dayana Spagnuelo. **Is GPT-2 Writing Your Next Semantic Web Paper?**. European Semantic Web Conference 2020 (ESWC 2020), Heraklion, Crete, Greece, May 31-June 4 (in print) (2020).

Writing scientific papers is a cumbersome task. Moreover, in the fields of Semantic Web and knowledge representation it is hard to foresee how different ideas can be combined in order to address current challenges. In this paper, we retrain the GPT-2 Transformer language model with all the International Semantic Web Conference conference proceedings to date (2002–2019) and we use it to suggest novel ideas to solve challenges in the field, and to speed-up paper writing processes.

2. Leah Henrickson, Albert Meroño-Peñuela. **A Re-Introduction to Hermeneutics for Digital Literary Study**. Digital Scholarship in the Humanities (DSH) (under review) (2020).

Recent deep learning advances in Natural Language Generation (NLG) display performance levels that challenge humans in discerning the human or artificial origin of literature. In this paper, we review existing theories of hermeneutics, examine how NLG challenges the hermeneutic contract, and investigate ways of addressing the meaning of authorship in the era of AI.

3. Julie Birkholz, Albert Meroño-Peñuela. **Decomplexifying networks: a tool for RDF to network analysis**. Digital Humanities Benelux Conference (DHBenelux), 11-13 September, Liège (Belgium) (2019).

Knowledge Graphs (KGs) represent models of the world, and are a valuable source of information for network analysis scholars. However, these scholars encounter major challenges in accessing KGs for their study. In this paper, we present a framework based on Jupyter Notebooks that makes network analysis of KGs easy without building black-boxes around the process.

4. Albert Meroño-Peñuela, Marnix van Berchum, Bram van den Hout. **The Oldest Song Score in the Newest Notation: The Hurrian Hymn to Nikkal as Linked Data**. ADHO Digital Humanities Conference (DH2019), Utrecht, July 9-12 (2019).

What is the oldest preserved written music in history? In what context was it written, and it what context was it discovered? In this paper we propose to use knowledge representation and ontologies to represent the Hurrian Hymn to Nikkal, the oldest known complete written music, as Knowledge Graphs, to improve its (semantic) preservation and capture the context of its research.

5. Albert Meroño-Peñuela, Rinke Hoekstra. **What is Linked Historical Data?**. In: Proceedings of the 19th International Conference on Knowledge Engineering and Knowledge Management, EKAW 2014, LNAI 8876, pp. 282-287, Springer. Linköping, Sweden (2014).

Are RDF, ontologies and Knowledge Graphs adequate representations for historical sources? In this knowledge representation and engineering work, we investigate through upper level ontologies ontological meta-properties if RDF and OWL are valid knowledge representation languages to capture the nature of primary and secondary historical sources.

6. Pasquale Lisena, Albert Meroño-Peñuela, Raphaël Troncy. **MIDI2vec: Learning MIDI Embeddings for Reliable Prediction of Symbolic Music Metadata**. Transactions of the International Society for Music Information Retrieval (TISMIR), under submission (2020).

In this work we propose to represent symbolic MIDI music as vectors using graph embeddings techniques. The strategy consists in representing the MIDI data as a graph, and optimise node2vec for generating embeddings using random walks in this graph. We demonstrate that the resulting vectors can successfully be employed for predicting the musical genre and other metadata such as the composer, the instrument or the movement –a powerful tool for automatic and multimodal music link discovery.

7. Albert Meroño-Peñuela, Rinke Hoekstra, Aldo Gangemi, Peter Bloem, Reinier de Valk, Bas Stringer, Berit Janssen, Victor de Boer, Alo Allik, Stefan Schlobach, Kevin Page. **The MIDI Linked Data Cloud**. In: The Semantic Web – ISWC 2017, 16th International Semantic Web Conference. Lecture Notes in Computer Science, vol 10587, pp. 156-164 (2017).

Symbolic musical knowledge, typically encoded in the writing of musical scores, is scattered throughout the Web in a variety of digital formats, posing a challenge to large-scale musicological studies. In this paper, we propose to use the *midi2rdf* algorithm to integrate a large collection of MIDI files, generating the largest knowledge graph of symbolic music notation to date and containing 10 billion musical RDF statements.

8. Albert Meroño-Peñuela, Ashkan Ashkpour, Marieke van Erp, Kees Mandemakers, Leen Breure, Andrea Scharnhorst, Stefan Schlobach, Frank van Harmelen. **Semantic Technologies for Historical Research: A Survey**. Semantic Web – Interoperability, Usability, Applicability, 6(6), pp. 539–564. IOS Press (2015).

History faces a number of data interoperability issues that are crucial for its advance as an empirical scholarly discipline. In this paper, we revise and update this list of issues, and review current approaches and future lines of research aiming at addressing them through the use and extension of semantic technologies.

9. Albert Meroño-Peñuela, Ashkan Ashkpour, Christophe Guéret, Stefan Schlobach. **CEDAR: The Dutch Historical Censuses as Linked Open Data**. Semantic Web − Interoperability, Usability, Applicability (in press). IOS Press (2015).

   The Dutch historical censuses (1795–1971) are a key collection of statistical data for the quantitative study of history in the Netherlands, but face a large number of integration and access issues. In this paper we report the results of the CEDAR project, which uses knowledge representation, ontologies, and Web data publishing and integration languages (RDF, SPARQL) to build a knowledge graph of Dutch socio-historical statistics of 660 million machine-readable statements with rich W3C PROV provenance traces for explainability.

10. Núria Casellas, Juan-Emilio Nieto, Albert Meroño-Peñuela, Antoni Roig, Sergi Torralba, Mario Reyes de los Mozos, Pompeu Casanovas. **Ontological Semantics for Data Privacy Compliance: the NEURONA Ontology**, AAAI Spring Symposium Series Technical Reports (Intelligent Information Privacy Management), Stanford, March 23rd-25th (2010).

   Legal compliance is a task conducted by judges by manually interpreting legal texts and the case at hand. In order to automate this process, in this work we formalize legal knowledge in the judicial practice of data privacy, using OWL to complement the contents of legal texts. We find that through OWL reasoning we can identify data protection compliance violations, extending the implicit knowledge in legal texts.

AWARDS

- **Best SALAD 2016 paper** at the Extended Semantic Web Conference 2016 (ESWC 2016), for the paper *grlc Makes GitHub Taste Like Linked Data APIs*

  500 €

- **Best WHiSE 2016 paper** at the Extended Semantic Web Conference 2016 (ESWC 2016), for the paper *An Ecosystem for Linked Humanities Data*

  Open access publication, **2,200 €**

- **Best PhD Symposium paper** at the Extended Semantic Web Conference 2013 (ESWC 2013), for the paper *Semantic Web for the Humanities*

  Open access publication, **2,200 €**

- **Honors grade** distinction to the MSc project *Development of Modules for the GNU PDF Project*, Barcelona School of Informatics, Universitat Politècnica de Catalunya (2011)

  Exemption tuition fees, **925 €**

FUNDED PROJECTS

1. **Polifonia: a digital harmoniser for musical heritage knowledge**, H2020 SC6 Transformations 2020. Funder: European Comission (2021–2024)

   Formal co-applicant, Leader of Work Package 2. Polifonia implements a digital ecosystem for European Musical Heritage: music objects along with relevant related knowledge about their cultural and historical context, expressed in different languages and styles, and across centuries. The ecosystem will include methods, tools, guidelines, experiences, and creative designs, openly shared according to FAIR principles. The aim is to provoke a paradigm shift in musical heritage preservation, management, studying, interaction, and exploitation (http://polifonia-project.eu).

   WP2 budget, **387,950 €**
   Total budget, **3,025,435.06 €**

2. **Amsterdam Data Science** Research Assistant Project, *The RDF Unified Migration Portal*. Vrije Universiteit Amsterdam, International Institute of Social History, DataLab Amsterdam – Municipality of Amsterdam (2016)

   Formal co-applicant. In this project I contributed and developed the idea of using semantic technology to solve data preparation issues in critical data for European migrants, offering a homogeneous access interface for them (http://amsterdamdatascience.nl/event/ads-research-assistants-project-highlights/).

PROJECT PARTICIPATION

1. **CLARIAH**. Common Lab Research Infrastructure for the Arts and Humanities. Funder: NWO, 2015-2018.

   Participant (postdoctoral researcher). Partly due to the success of the CEDAR project, a fundamental pillar of the Dutch national strategy for integrating social science and humanities data consisted of integrating messy statistical collections, a continuity aspect that motivated me to join CLARIAH (http://clariah.nl/) as a postdoc. In this project I had two periods: one as a junior postdoc, and another as a senior postdoc. In the first period, I extended my previous CEDAR work by proposing pioneering and efficient implementations of W3C standards such as CSV on the Web, RDF Data Cube, and Linked Data Notifications for large-scale, tabular statistical data integration; and contributed new research ideas around collaborative SPARQL writing and automated API construction. In the second period, I developed a new role as chief technology officer for the structured data work package, designing the output architecture, acting as research consultant, and supervising development and student teams.

2. **CEDAR**. Census Data Open Linked. From Fragment to Fabric: Dutch census data in a web of global cultural and historic information. Funder: Royal Netherlands Academy of Arts and Sciences (KNAW), Computational Humanities Programme.

   Participant (PhD candidate). The research I conducted during my PhD tackled data preparation issues through knowledge representation and semantic statistics. To challenge the boundaries of data munging and preparation, I worked with semi-structured, messy spreadsheet collections as data sources with ambiguous data locations, implicit variables, incompatible units of measure, changing schemas, and erroneous and missing data. The full stack of required data preparation and integration led to the creation of the first knowledge graph in social history, with more than 660 million RDF triples.

3. **OGRC**. Ontology Governance, Risk management and Compliance. Funder: Spanish Ministry of Science and Innovation (IPT 430000-2010-43), 2010-2012 (INNPACTO). Coordinator: S21sec (IDT-PR: Dr. P. Casanovas).

   Formal co-applicant, participant (research assistant). Here, I contributed the idea of using semantic technologies (speficially ontologies and reasoning) for an automated dashboard of governance, risk management and compliance in organizations.

4. **NEURONA**. Development of an intelligent system to control data protection compliance. Funder: Spanish Ministry of Industry, Tourism and Commerce (TSI-200100-2008-134), 2008-2010 (AVANZA). Coordinator: S21sec (IDT-PR: Dr. P. Casanovas).

   Participant (research assistant). I worked in a team of knowledge and software engineers that designed semantically-enabled tools for automatic checking of compliance with Spanish data protection laws (LOPD). I contributed a tool that used inference and ontologies through the OWL API, which I used in my PhD application.

5. **INTEGRA**. Migration management technology research. Funder: Center for Industrial Technology Development (CDTI), Spain (CEN2008-1018), 2008-2011. Coordinator: Telvent Interactiva (IDT-PR: Dr. M. Poblet).

   Participant (research assistant). I participated in ontology engineering tasks using OWL and Protégé.

INTERNATIONAL ACTIVITIES

Invited talks

My international peer network has invited me to give talks at the following institutions and events:

1. **Spring School Linked Data and the Semantic Web for Humanities research**, invited lecture. LISEH 2021, Austria (virtual), AT (2021)

2. **Posthumus Research School for Economic and Social History**, invited lecture *Making and Querying Linked Data* for the course Data Management for Historians, Radboud University. Nijmegen (virtual), NL (2021)

3. **Vrije Universiteit Amsterdam**, invited lectures *Knowledge Graphs for Digital Humanities* and *Convert your data to Linked Data with OpenRefine* for the course Introduction to Digital Humanities, Digital Humanities and Social Analytics Minor. Amsterdam, NL (2018, 2019)

4. **SURF/DTL Programmers Meetings**, invited talk *Combining Social Querying and Automatic API Construction for Reproducibility with grlc*. Utrecht, NL (2018)

5. **University of Bologna**, invited lecture *One Score to Rule Them All: Data Preparation and Semantics in Music Notation* for the international degree on Digital Humanities and Digital Knowledge (DHDK). Bologna, IT (2018)

6. **Amsterdam Data Science**, invited talk *What can I expect from an academic career? The How: valuable academic skills* at the ADS Career Fair, Amsterdam, NL (2018)

7. **The Open University**, invited lecture *The Statistics of Stairway to Heaven* for the KMi Seminar at the Knowledge Media Institute. Milton Keynes, UK (2017)

8. **Loughborough University**, invited lecture *Linked Data for the Documenting Historian* for the Documenting History workshop. Loughborough, UK (2016)

9. **Semantic Change & Evolving Semantics (SuCCESS) workshop**, invited keynote speaker *Semantic Drift: A View over Linked Data and History*. Semantics Conference, Leipzig, DE (2016)

10. **Humanities Networked Infrastructure (HuNI)**, invited lecture at Intersect Australia Ltd, eResearch services & solutions. Sydney, AU (2013)

Research visits

1. **Data Archiving and Networked Services** (DANS, https://dans.knaw.nl/nl), KNAW (https://knaw.nl/nl). Research intern, member of the research group, and maintainer of DANS.labs. The Netherlands (2012-2016)

2. **eHumanities Group** (https://www.ehumanities.nl/), KNAW. Researcher. The Netherlands (2012-2016)

Event organization

1. **ESWC**, Extended Semantic Web Conference, sponsorship chair (2022)

2. **NL-RSE conference**, permanent member of the core organization team (2020)

3. **SEMANTiCS conference**, co-chair Special Track on Digital Humanities and Cultural Heritage (SEMANTiCS 2020), Amsterdam, NL (2020); (SEMANTiCS 2021), Amsterdam, NL (2021)

4. **Tutorial on SPARQL Endpoints and Web API (SWApi)**, co-organizer. International Semantic Web Conference (ISWC 2020), Athens, GR (2020); Extended Semantic Web Conference (ESWC 2021), Hersonissos, GR (2021); The Web Conference (WWW 2021), Ljubljana, SI (2021)

5. **3rd Workshop on Humanities in the Semantic Web (WHiSe)**, co-organizer. Extended Semantic Web Conference (ESWC 2020), Heraklion, Crete, GR (2020)

6. **3rd Drift-a-LOD 2018 workshop**, co-organizer. Extended Semantic Web Conference (ESWC 2018), Heraklion, Crete, GR (2018)

7. **2nd Drift-a-LOD 2017 workshop**, co-organizer. Semantics Conference, Amsterdam, NL (2017)

8. **1st Drift-a-LOD 2016 workshop**, co-organizer. Knowledge Engineering and Management conference (EKAW), Bologna, IT (2016)

9. **International CEDAR symposium** series, co-organizer. Amsterdam, NL (2013, 2014, 2015, 2016)

Reviewing for Funding Bodies

1. **AHRC**, Arts and Humanities Research Council. UK Ireland Collaboration in the Digital Humanities Research Grants. Reviewer (2021)

2. **NWO**, Nederlandse Organisatie voor Wetenschappelijk Onderzoek (Netherlands Organisation for Scientific Research). Reviewer (2020)

3. **MediaFutures**, Data-driven innovation hub for the media value chain project. Co-funded by the European Commission under the Horizon 2020 framework. Reviewer (2020)

Journal Editor

1. **Special Issue on Cultural Heritage and Semantic Web**. Semantic Web Journal (IOS Press) — Interoperability, Usability, Applicability. Co-editor (2021)

Reviewing and Program Committee (PC) memberships

1. **IJCAI**, International Joint Conference on Artificial Intelligence. PC member (2018, 2019, 2020), reviewer (2016)
2. **ECAI**, European Conference on Artificial Intelligence. PC member (2020)
3. **AAAI**, AAAI Conference on Artificial Intelligence. PC member (2020-current), PC member of Student Abstract and Poster Program (2020-current)
4. **WWW**, World Wide Web Conference. PC member of the Demo track (2018, 2019, 2020), reviewer (2015)
5. **Semantics Conference**. PC member (2016, 2017, 2018, 2019, 2020)
6. **EKAW**, Knowledge Engineering and Knowledge Management. PC member (2014-current)
7. **K-CAP**, International Conference on Knowledge Capture. PC member (2019, 2021), reviewer (2017)
8. **CIKM**, ACM International Conference on Information and Knowledge Management. PC member (2020)
9. **ISWC**, International Semantic Web Conference. Reviewer (2013-2015), PC member (2019, 2020, 2021)
10. **ESWC**, Extended Semantic Web Conference. Reviewer (2013, 2017), PC member (2020, 2021), PhD symposium PC member (2021)
11. **Journal of Web Semantics (Elsevier)** — Science, Services and Agents on the World Wide Web. Reviewer.
12. **Semantic Web Journal (IOS Press)** — Interoperability, Usability, Applicability. Reviewer.
13. **Information Systems (Elsevier)**. Reviewer.
14. **SemStats**, International Workshop on Semantic Statistics. PC member (2015-current)
15. **Digital Humanities Benelux**. PC member (2017, 2018, 2019, 2020)
16. **WHiSe**, Workshop on Humanities in the Semantic Web. PC member (2017-current)
17. **SAAM**, Workshop on Semantic Applications for Audio and Music. PC member (2018)
18. **WOP**, Workshop on Ontology Design and Patterns. PC member (2021)

Association, foundation and society memberships

1. **FSF**, Free Software Foundation (https://www.fsf.org/)
2. **EFF**, Electronic Frontier Foundation (https://www.eff.org/)
3. **ISMIR**, International Society for Music Information Retrieval (http://www.ismir.net/)
4. **ACM**, Association for Computing Machinery (https://www.acm.org/)

COURSES & OTHER EDUCATION

- Seminar series *New Trends in eHumanities*, Royal Netherlands Academy of Arts and Sciences. January 2012 – March 2016
- Advanced SIKS/SURFsara Course on Big Data, University of Twente (The Netherlands). November 2013
- 9th Reasoning Web Summer School (RW 2013), University of Mannheim (Germany). July-August 2013
- Research Methods and Methodology for Information and Knowledge Systems, School for Information and Knowledge Systems (SIKS), Vught (The Netherlands). November 2012
- Maastricht School on Data Mining, University of Maastricht (The Netherlands). October 2012
- 11th European Agent Systems Summer School, University of Torino (Italy). September 2009
- 1st Semantic Web Services Winter Retreat, STI Innsbruck (Austria). March 2009

Musical education

- Guitar student of Jean-Jacques Rojer (2016-current)
- Piano student of Antonio Ortuño (1997-1999)
- Piano student at the Escola de Música Sabadell (1996)
- Piano student of Josep Solé (1993-1996)

LANGUAGES

	Understanding	*Speaking*	*Writing*
Catalan	C2 (Mother tongue)	C2 (Mother tongue)	C2 (Mother tongue)
Spanish	C2 (Mother tongue)	C2 (Mother tongue)	C2 (Mother tongue)
English	C2	C2	C2
Dutch	B2	B2	B2
Italian	Independent user	Independent user	Independent user

OTHER INTERESTS

Piano and guitar player, science fiction reader, videogame enthusiast

APPENDIX: LIST OF PUBLICATIONS

Books

1. Albert Meroño-Peñuela, Pasquale Lisena, Carlos Martínez-Ortiz. *Web Data APIs for Knowledge Graphs: Easing Access to Semantic Data for Application Developers.* Synthesis Lectures on Data, Semantics and Knowledge. Morgan & Claypool Publishers (2021) (in press)

2. Albert Meroño-Peñuela. *Refining Statistical Data on the Web.* PhD thesis, Vrije Universiteit Amsterdam, 2016.

Peer-reviewed articles

1. Pasquale Lisena, Albert Meroño-Peñuela, Raphaël Troncy. *MIDI2vec: Learning MIDI Embeddings for Reliable Prediction of Symbolic Music Metadata.* Semantic Web — Interoperability, Usability, Applicability (in print). IOS Press (2021)

2. Leah Henrickson, Albert Meroño-Peñuela. *The Hermeneutics of Computer-Generated Texts.* Configurations — Journal of the Society for Literature, Science, and the Arts (SLSA). JHU Press (2021) (to appear)

3. Enrico Daga, Albert Meroño-Peñuela, Enrico Motta. *Sequential Linked Data: the State of Affairs.* Semantic Web — Interoperability, Usability, Applicability (in print). IOS Press (2021)

4. Rick Mourits, Ruben Schalk, Albert Meroño-Peñuela, Joe Raad, Auke Rijpma, Bram van den Hout, Richard Zijdeman. *Retracing Hotbeds of the 1918–19 Influenza Pandemic. Spatial Differences in Seasonal Excess Mortality in the Netherlands.* Historical Life Course Studies, 10, pp. 145-150 (2021)

5. Cariña Geerlings, Albert Meroño-Peñuela. *Interacting with GPT-2 to Generate Controlled and Believable Musical Sequences in ABC Notation.* In: First Workshop on NLP for Music and Audio (NLP4MusA), October 16, 2020, Montreal. Co-located with ISMIR'2020 (2020)

6. Julie Birkholz, Albert Meroño-Peñuela. *Decomplexifying the network pipeline: a tool for RDF/Wikidata to network analysis.* Digital Humanities Benelux Journal, Vol. 2 (Digital Humanities in Society), n. 6. http://dx.doi.org/10.17613/8osx-m116 (2020)

7. Albert Meroño-Peñuela, Dayana Spagnuelo, GPT-2. *Is a Transformer Your Next Semantic Co-Author? Generating Semantic Web Paper Snippets with GPT-2.* In: 17th Extended Semantic Web Conference (ESWC 2020), posters demos. Heraklion, Crete, June 4, 2020 (2020)

8. Joe Raad, Rick Mourits, Auke Rijpma, Ruben Schalk, Richard Zijdeman, Albert Meroño-Peñuela. *Linking Dutch Civil Certificates.* In: Proceedings of the 3rd Workshop on Humanities in the SEmantic web (WHiSe 2020). ESWC 2020, May 31-June 1, Heraklion, Crete, Greece (2020)

9. C. Annemieke Romein, Max Kemman, Julie M. Birkholz, James Baker, Michel de Gruijter, Albert Meroño-Peñuela, Thorsten Ries, Ruben Ros, Stefania Scagliola. *State of the field: Digital History.* History — The Journal of the Historical Association (in press) (2020)

10. Melodee Beals, Albert Meroño-Peñuela. *Reproducible Humanities Research: Developing Extensible Data Bases for Recording "Messy" Categorisation, Annotation and Provenance Data.* ADHO Digital Humanities Conference (DH2020), Ottawa, July 22-24 (2020)

11. Tomer Iwan, Albert Meroño-Peñuela, Stefan Schlobach. *Using Melodic Motifs for Automatic Transcription of White Mensural Notation via N-Grams* (poster). 6th International Conference on Digital Libraries for Musicology (DLfM 2019), The Hague, November 9 (2019)

12. Enrico Daga, Albert Meroño-Peñuela, Enrico Motta. *Modelling and Querying Lists in RDF. A Pragmatic Study.* In: 3rd Workshop on Querying and Benchmarking the Web of Data (QuWeDa 2019), ISWC 2019, 18th International Semantic Web Conference (2019)

13. Julie Birkholz, Albert Meroño-Peñuela. *Decomplexifying networks: a tool for RDF to network analysis.* Digital Humanities Benelux Conference (DHBenelux), 11-13 September, Liège (Belgium) (2019)

14. Albert Meroño-Peñuela. *FAIR Streams of MIDI Linked Data.* Digital Humanities Benelux Conference (DHBenelux), 11-13 September, Liège (Belgium) (2019).

15. Albert Meroño-Peñuela, Enrico Daga. *List.MID: A MIDI-Based Benchmark for Evaluating RDF Lists.* In: The Semantic Web – ISWC 2019, 18th International Semantic Web Conference (2019).

16. Pasquale Lisena, Albert Meroño-Peñuela, Tobias Kuhn, Raphaël Troncy. *Easy Web API Development with SPARQL Transformer.* In: The Semantic Web – ISWC 2019, 18th International Semantic Web Conference (2019)

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