Third Biennial Conference on Language, Data and Knowledge (LDK2021)
Dates: 14 June 2021 (Workshop/Tutorials day), 15-16 June 2021 (Main Conference)
Location: Zaragoza, Spain
Website: http://2021.ldk-conf.org/
Submission Deadline: 29 January 2021
Submission page: https://easychair.org/my/conference?conf=ldk2021#

We invite submissions to the third biennial conference on Language, Data and Knowledge (LDK 2021), which will be held in Zaragoza, Spain in June 2021. This conference aims at bringing together researchers from across disciplines concerned with the acquisition, curation and use of language data in the context of data science and knowledge-based applications. This builds upon the success of the inaugural event held in Galway, Ireland in 2017 and the second LDK in Leipzig, Germany in 2019.

Paper submission
We welcome submission of relevance to the topics listed below. Submissions can be in the form of:

- Long research papers: 10-15 pages;
- Short research or position papers: 6-8 pages;
- Short scientific abstract submissions: be 4-6 pages.
- Short abstracts on new challenges and research ideas (â€œCrazy New Ideasâ€•): 1-4 pages

This year, we would like to propose a â€œCrazy New Ideasâ€• session that will be the occasion to present challenging research ideas that have not yet been fully explored, or you would like to see in ten years from now. Such ideas should be briefly presented in the form of a short abstract of one to four pages to initiate the discussions, which will also be included in the conference proceedings if permitted by the authors. This is your chance to be creative without censorship. Reviews for these abstract will focus on the potential of ideas to spark interesting discussions.

All submissions lengths are given including references and optional appendices. Accepted submissions will be published by OASIcs in an open-access conference proceedings volume free of charge for authors.

The OASIcs layout templates to be used for submissions are available for download from :
https://www.dagstuhl.de/en/publications/oasics/instructions-for-authors/
As the reviewing process is single-blind, submissions should not be anonymized.

Papers should be submitted via EasyChair at the following address:
https://easychair.org/my/conference?conf=ldk2021#

For each submitted paper, one author is expected to attend the conference and present their work. There will be no registration fee administered for LDK 2021.

Presentation format

Accepted submissions will be selected for oral or poster presentation based on recommendations from the reviewers. This decision will not reflect any difference in the quality of the papers, and there will be no distinction in the published volumes.
Authors of accepted short papers and scientific abstract are welcome to present their work as a demo in addition to the regular presentation.
At least one author of each accepted paper must register to present the paper at the conference.

Topics
Language Data

- Language data construction and acquisition
- Language data annotation
- Language data portals and metadata about language data
- Organizational and infrastructural management of language data
- Multilingual, multimedia and multimodal language data
- Evaluation, provenance and quality of language data
- Usability, validation and visualization of language data
- Standards and interoperability of language data
- Legal aspects of publishing language data
- Typological databases
- Under-resourced languages

Knowledge Graphs

- Linguistic Linked Data and Multilingual Semantic Web
- Ontologies, terminology, wordnets and lexical resources
- Information and knowledge extraction (taxonomy extraction, ontology learning)
- Data, information and knowledge integration across languages
- (Cross-lingual) Ontology Alignment
- Entity linking and relatedness
- Linked Data profiling
- Knowledge representation and reasoning
- Knowledge graphs for corpora processing and analysis

Applications for Language, Data and Knowledge

- Question answering and semantic search
- Text analytics on Big Data
- Semantic content management
- Computer-aided Language Learning
- Natural language interfaces to Big Data
- Knowledge-based NLP
- Deep Learning and Machine Learning for and on LLOD
- Other applications

Use Cases in Language, Data and Knowledge

- Social Sciences and Humanities research enabled by digital approaches: digital arts, architecture, music, film, theatre, new media, digital games and cyberculture
- Geo-humanities, spatial analysis and applications of GIS for Humanities research
- Digital media, digitisation, curation of digital objects
- Annotation, analysis, enrichment of text archives
- Text and data mining for Social Sciences and Humanities research
- Visualisation of Social Sciences and Humanities research
- Text and data mining of (bio)medical literature, including pandemics
- Other specific domain use cases (e.g. FinTech, Cybersecurity,...)

Keynote Speakers

We are proud to announce that Sara Tonelli, Fondazione Bruno Kessler and Mathieu Lafourcade, LIRMM have agreed to give a keynote presentation at LDK 2021.

Organizing committee

Conference Chairs

- John P. McCrae - National University of Ireland Galway
- Thierry Declerck - DFKI GmbH

Program Chairs:

- Dagmar Gromann - University of Vienna
- Gilles Sérasset - University of Grenoble-Alpes

Workshop and tutorial chairs:

- Sara Carvalho - University of Aveiro
- Renato Rocha Souza - Austrian Academy of Sciences

Local Chairs:

- Julia Bosque-Gil - University of Zaragoza
- Fernando Bobillo - University of Zaragoza
- Jorge Gracia - University of Zaragoza

Proceedings Chair:

- Barbara Heinisch - University of Vienna

Important Dates
5 February 2021:   Paper submission deadline
26 March 2021:   Notification
16 April 2021:   Camera-ready submission deadline
14 June 2021:   Pre-conference events
15-16 June 2021:   Main conference

All deadlines refer to anywhere-on-earth time.

Program Committee (to be completed)

- Alessandro Adamou - The Open University
- Nathalie Aussenac-Gilles - IRIT CNRS
- Denilson Barbosa - University of Alberta
- Pierpaolo Basile - University of Bari
- Valerio Basile - University of Turin
- Martin Benjamin - Kamusi Project International
- Michael Bloodgood - The College of New Jersey
- Julia Bosque-Gil - Universidad de Zaragoza
- Harry Bunt - Tilburg University
- Aljoscha Burchardt - DFKI
- Nicoletta Calzolari - Istituto di Linguistica Computazionale (CNR)
- Philipp Cimiano - Bielefeld University
- Gerard de Melo - Rutgers University
- Milan Dojchinovski - Czech Technical University
- Maria Eskevich - CLARIN ERIC
- Luis Espinosa-Anke - Cardiff University
- Patrick Ernst - Amazon
- Thierry Fontenelle - European Investment Bank
- Francesca Frontini - Istituto di Linguistica Computazionale
- Hugo GonÃ§alo Oliveira - University of Coimbra
- Jeff Good - University at Buffalo
- Debanjan Ghosh - Educational Testing Service
- Eero HyvÃ¶nen - Aalto University and University of Helsinki (HELDIG)
- Nancy Ide - Vassar College
- Sepehr Janghorbani - Rutgers University
- Besim Kabashi - Friedrich-Alexander-UniversitÃ¤t Erlangen-NÃ¼rnberg
- Te Taka Keegan - Waikato University
- Ilan Kernerman - K Dictionaries
- Dimitris Kontokostas - University of Leipzig
- Maria Koutraki - L3S Research Center, Leibniz University of Hannover
- Udo Kruschwitz - University of Regensburg
- Nikola LjubeÅ¡iÄ‡ - Faculty of Humanities and Social Sciences
- Margot Mieskes - University of Applied Sciences, Darmstadt
- Steven Moran - University of Zurich
- Diego Moussallem - Paderborn University
- Alessandro Oltramari - Bosch Research and Technology Center
- Petya Osenova - Sofia University and IICT-BAS
- Bolette Pedersen - University of Copenhagen
- Laurette Pretorius - University of South Africa
- GÃ¡bor PrÃ³szÃ©ky - MorphoLogic & PPKE
- Francesca Quattri - The Hong Kong Polytechnic University
- Alexandre Rademaker - IBM Research Brazil and EMAp/FGV
- Simon Razniewski - Max Planck Institute for Informatics
- Georg Rehm - DFKI
- Nils Reiter - Stuttgart University

- Steffen Remus - University of Hamburg
- Laurent Romary - INRIA & HUB-ISDL
- Felix Sasaki - Cornelsen Verlag GmbH & TH Brandenburg
- Andrea Schalley - Karlstad University
- Max Silberztein - Université de Franche-Comté
- Steffen Staab - Universität Stuttgart and University of Southampton
- Armando Stellato - University of Rome
- Stan Szpakowicz - University of Ottawa
- Liling Tan - Nanyang Technological University
- Ricardo Usbeck - Paderborn University
- Marieke van Erp -KNAW Humanities Cluster
- Marc Verhagen - Brandeis University
- Karin Verspoor - The University of Melbourne
- Serena Villata - CNRS
- Piek Vossen - Vrije Universiteit Amsterdam
- Qian Yang - Duke University
- Marcos Zampieri - University of Wolverhampton
- Kalliopi Zervanou - Eindhoven University of Technology
- Ziqi Zhang - Sheffield University

Dagmar Gromann and Gilles Sérasset (Program Chairs)