Call for Papers: 12th International Conference on Language Resources and Evaluation (LREC 2020) [extended]

Submitted by rene on Thu, 2019-11-14 14:29

- 2020
- cfp
- conference
- deadline
- extended
- France
- LREC
- Marseille
- NLP

Start: 2019-12-02
Timezone: Europe/Paris

https://lrec2020.lrec-conf.org/en/calls-papers/2nd-call-papers/

Second Call for Papers

The European Language Resources Association (ELRA) is glad to announce the 12th edition of LREC, co-organised with the Istituto di Linguistica Computazionale "Antonio Zampolli" (ILC-CNR) and with the support of of national and international organisations among which AFCP, AILC, ATALA, CLARIN, ILCB, LDC, ...

CONFERENCE AIMS

LREC is the major event on Language Resources (LRs) and Evaluation for Human Language Technologies (HLT). LREC aims to provide an overview of the state-of-the-art, explore new R&D directions and emerging trends, exchange information regarding LRs and their applications, evaluation methodologies and tools, on-going and planned activities, industrial uses and needs, requirements coming from e-science and e-society, with respect both to policy issues as well as to scientific/technological and organisational ones.

LREC provides a unique forum for researchers, industrials and funding agencies from across a wide spectrum of areas to discuss issues and opportunities, find new synergies and promote initiatives for international cooperation, in support of investigations in language sciences, progress in language technologies (LT) and development of corresponding products, services and applications, and standards.

CONFERENCE TOPICS

Issues in the design, construction and use of LRs: text, speech, sign, gesture, image, in single or multimodal/multimedia data

Guidelines, standards, best practices and models for LRs interoperability
Methodologies and tools for LRs construction and annotation
Methodologies and tools for extraction and acquisition of knowledge
Ontologies, terminology and knowledge representation
LRs and Semantic Web (including Linked Data, Knowledge Graphs, etc.)
LRs and Crowdsourcing
Metadata for LRs and semantic/content mark-up

Exploitation of LRs in systems and applications

Sign language, multimedia information and multimodal communication
LRs in systems and applications such as: information extraction, information retrieval, audio-visual and multimedia search, speech dictation, meeting transcription, Computer Aided Language Learning, training and education, mobile communication, machine translation, speech translation, summarisation, semantic search, text mining, inferencing, reasoning, sentiment analysis/opinion mining, etc.
Interfaces: (speech-based) dialogue systems, natural language and multimodal/multisensory interactions, voice-activated services, etc.
Use of (multilingual) LRs in various fields of application like e-government, e-participation, e-culture, e-health, mobile applications, digital humanities, social sciences, etc.
Industrial LRs requirements
User needs, LT for accessibility

LRs in the age of deep neural networks

Semi-supervised, weakly-supervised and unsupervised machine learning approaches
Representation Learning for language
Techniques for (semi-)automatically generating training data
Cross-language NLP & Cross-domain NLP with reduction of human effort

Issues in LT evaluation

LT evaluation methodologies, protocols and measures
Validation and quality assurance of LRs
Benchmarking of systems and products
Usability evaluation of HLT-based user interfaces and dialogue systems
User satisfaction evaluation

General issues regarding LRs & Evaluation

International and national activities, projects and initiatives
Priorities, perspectives, strategies in national and international policies for LRs
Multilingual issues, language coverage and diversity, less-resourced languages
Open, linked and shared data and tools, open and collaborative architectures
Replicability and reproducibility issues
Organisational, economical, ethical and legal issues

LREC 2020 HOT TOPICS

Less Resourced and Endangered Languages

Special attention will be devoted to less resourced and endangered languages: it is expected that LREC2020 makes room to activities carried out to support indigenous languages, building on the United Nations/UNESCO International Year of Indigenous Languages being celebrated in 2019.

Language and the Brain

Studying the neural basis of language helps in understanding both language processing and the brain mechanisms. LREC2020 will encourage all submissions addressing language and the brain. Among possible subtopics, submissions could focus on new datasets and resources (neuroimaging, controlled corpora, lexicons, etc.), methods aiming at new multimodal experimentations (e.g. EEG in virtual reality), language processing applications (e.g. brain decoding, brain-computer interfaces), etc.

Machine/Deep Learning

The availability of LRs is a key element of the development of high quality Human Language Technologies based on AI/Machine

Learning approaches, and LREC is the best place to get access to this data, in many languages and for many domains. In addition to submissions addressing ML issues based on large quantities of data, those applied to languages for which only small, noisy or sparse data exist are also most welcomed.

DESCRIBE AND SHARE YOUR LRs!

In addition to describing your LRs in the LRE Map – now a normal step in the submission procedure of many conferences – LREC recognises the importance of sharing resources and making them available to the community.
When submitting a paper, you will be offered the possibility to share your LRs (data, tools, web-services, etc.), uploading them in a special LREC repository set up by ELRA. Your LRs will be made available to all LREC participants before the conference, to be re-used, compared, analysed. This effort of sharing LRs, linked to the LRE Map for their description, contributes to creating a common repository where everyone can deposit and share data.

PROGRAMME

The Scientific Programme will include invited talks, oral presentations, poster and demo presentations, and panels, in addition to a keynote address by the winner of the Antonio Zampolli Prize.

We will also organise an Industrial Track and a Reproducibility Track: for these there will be separate Calls.

SUBMISSIONS AND DATES

Submission of oral and poster (or poster+demo) papers: 25 November 2019

LREC 2020 asks for full papers from 4 pages to 8 pages (plus more pages for references if needed) , which must strictly follow the LREC stylesheet which will be available on the conference website. Papers must be submitted through START @ https://www.softconf.com/lrec2020/main/ and will be peer-reviewed.

Submission of proposals for workshops, tutorials and panels: 24 October 2019

Proposals should be submitted via an online form on the LREC website and will be reviewed by the Programme Committee.

For workshops: Submit your workshop Form

For tutorials: Submit your tutorial Form

PROCEEDINGS

The Proceedings will include both oral and poster papers, in the same format.

There is also no difference in quality between oral and poster presentations. Only the appropriateness of the type of communication (more or less interactive) to the content of the paper will be considered.

LREC 2010, LREC 2012 and LREC 2014 Proceedings are included in the Thomson Reuters Conference Proceedings Citation Index. The other editions are being processed.

LREC Proceedings are indexed in Scopus (Elsevier).

Substantially extended versions of papers selected by reviewers as the most appropriate will be considered for publication in a special issue of the Language Resources and Evaluation Journal published by Springer (a SCI-indexed journal).

Any question, please write to lrec@lrec-conf.org.

Important dates

31 October 2019: Submission of proposals for panels, workshops and tutorials
02 December 2019: Submission of proposals for oral and poster papers (23:59 GMT+1) (extended)
13-14-15 May 2020: Main Conference
11-12-16 May 2020: Workshops & Tutorials

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