



Language Resources and Evaluation Conference
LREC 2022
20-25 June 2022

PALAIS DU PHARO
Marseille, France

CONFERENCE PROCEEDINGS

Editors:

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**LREC 2022, THIRTEEN INTERNATIONAL CONFERENCE ON
LANGUAGE RESOURCES AND EVALUATION**

LREC 2022 Conference Proceedings

ISBN: 979-10-95546-72-6
EAN: 9791095546726

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LREC 2022

13th International Conference on Language Resources and Evaluation

Introduction by Nicoletta Calzolari

Chair of the 13th edition of LREC

ELRA Honorary President

Introduction to LREC2022

Message from the LREC 2022 Conference Chair

Welcome to the 13th edition of LREC in Marseille, first time an LREC in France! It will be a big emotion to welcome so many of you at the Opening session, finally meeting again so many colleagues and friends!

We will enjoy together not only the conference but also the special atmosphere of Marseille and the wonderful view of the Mediterranean and the city from the Palais du Pharo.

The previous LREC, that didn't happen, would have been an occasion to celebrate the 25th anniversary of ELRA. We will celebrate this time the next 25 years. We are proud that ELRA is a mature association. And LREC too: LREC started in 1998, 24 years ago, and now it is one of the most successful conferences of the field.

A major novelty in the organisation of LREC: the involvement of many colleagues.

LREC is probably the most influential ELRA achievement, and the service with the greatest impact on our community. Also through LREC, ELRA contributes to shape our field, making the Language Resources and Evaluation field a scientific field in its own right.

This time we decided, in the ELRA Board and the LREC Program Committee, it was time to start changing the way in which LREC is organised and managed. In addition to the usual Program Committee we decided to involve in the management and decision process many colleagues, as is done in all major conferences.

We thus recruited 3 Workshop chairs, 2 Tutorial chairs and for the main conference 69 Area chairs. It was important for me to try to convey to them the "spirit" of LREC. LREC seeks to: increase representation among under-resourced languages, value all types of contributors to the field (corpus creators, algorithm developers, technology evaluators, program managers), reduce barriers to new participants, encourage meaningful scientific participation among industrials, and otherwise provide opportunities to those who might otherwise be silenced. To pay proper attention to these issues is a distinguishing feature of LREC.

Area chairs' suggestions about acceptance were then analysed by the Program Committee. I was acting in a double role, as General chair and Program chair, a big task (in about 3 months I exchanged almost

2700 mails mainly with Area chairs) and a big responsibility.

Continuing in the change, I think that next time we must also have 3 Program chairs.

Some LREC2022 figures

2022 figures are similar to those of 2020.

We received 50 Workshop proposals, and 12 Tutorials. Out of these 38 Workshops and 9 Tutorials were accepted.

We received 1302 submissions, of which 45 were Desk rejected or Withdrawn before reviewing. We thus had 1257 submissions to review.

A very large part of our community was involved in the reviewing effort, to be able to assign few papers per reviewer. We recruited 1628 colleagues to be part of the Scientific Committee, out of which 1401 were assigned submissions to review. Many more were invited but many refused or didn't answer. Finding reviewers is becoming a quite difficult task, good reviewers even more.

Few reviewers did not complete the task. For this I asked the Area chairs to have some emergency reviewers.

Area chairs analysed more than 3845 reviews (some tracks had 4 reviewers per paper) and made suggestions of acceptance/rejection. After that the LREC Program Committee arrived at the final decisions in a face to face meeting.

Despite all our efforts, we know that both the reviewing and the decision (meta-reviewing) phases are exposed to various possible problems, from subjectivity to actual mistakes, and we apologise for these.

As a result of reviewing and meta-reviewing we have now in the program 804 papers, of which 156 onsite Orals, 416 onsite Posters, and 232 Remote.

We have broken the record of registrations, almost 1600 in this moment (with 942 attending in person, quite many), probably more at the end.

All these figures have a clear significance. The field of Language Resources and Evaluation is very alive and constantly flourishing.

LREC2022 as a hybrid event

Another major change is that we decided to organise LREC2022 as a hybrid event.

We all know that the value of LREC is not only in listening to the papers, but in the networking, the face to face interactions in the crowded poster sessions, the exchange of ideas, also the gathering in the social events. For all these reasons we, as Program Committee, decided to try to privilege onsite participation. But obviously because of Covid we had to allow also for remote participation.

Most probably this is a change that will remain in the future, also after Covid. I think we must reassess how to organise big conferences. Allowing for remote participation will make our conferences more inclusive, allowing participation also to those who for any reason are not able to travel.

Because of this this year in addition to the usual Oral and Poster sessions the Program is composed also or the Remote only sessions.

I must say that the organisation of a hybrid conference is much more demanding, not only for the local organisation but also for the scientific aspects. Until the last moment in fact there have been, as expected, changes in attendance (in person or remote, in both directions) which caused quite a number of changes in the organisation of the programs.

LREC2022 Proceedings

Because of the remote participation, also the Proceedings are organised slightly differently. The Proceedings in fact reflect the program, with the usual in person Oral and Poster sessions, following the timetable of the Program.

This time they are followed by the Remote only sessions, organised on the basis of the 22 Tracks. This Remote sessions contain remote Orals and Posters together: this is in line with what we always say, that the distinction between oral and poster is not based on the value of the paper but is based on their being better suited for one or the other mode of presentation.

As we did last time, we decided to print all the Proceedings using START, both the main conference and the workshops, so that it is straightforward to have all of them in the ACL Anthology.

LREC2022 acceptance rate: a motivated choice for an inclusive conference

The LREC2022 acceptance rate is 61.75%, similar to previous years. We are well aware that this is higher than in many other major conferences. But we think that we need conferences of both types. For LREC, as I always state, this is a carefully reasoned decision. For us it is important to try to provide a comprehensive picture of the field and to show how it is evolving. This implies not only to look for new methodologies but also to cover how various methods or resources are able to spread, for which purposes, usages, applications and for which languages. Multilingualism – and equal treatment of all languages – is an essential feature of LREC, as it is the attempt of putting the text, speech and multimodal communities together as well as academics and industrials. LREC values topics – such as Less-resourced languages or Infrastructural issues, strategies and policies – that may not easily find proper venues in other big conferences. Research is strongly affected also by infrastructural

(meta-research) activities, really needed for our field to progress.

LREC wants to be an “inclusive” conference: this is for us a very important feature.

What is interesting is that quality and influence is not undermined by our acceptance rate: in 2021 Google Scholar Metrics h5-index, LREC ranks 6th of the big conferences/journals in Computational Linguistics.

More popular topics in LREC2022

This time we had 22 Areas and authors were asked to select a main and a secondary. Submissions to the areas gives us an indication of the current interests of our participants.

By large the most popular areas (more than 100 submissions) are:

- Corpora and Annotation (including Tools, Systems, Treebanks)
- Information Extraction and Information Retrieval (including NER, QA, Text Mining, Document Classification, Text Categorisation)
- Areas with 50 or more submissions are:
 - Applications involving LRs and Evaluation (including applications in specific domains)
 - Less-Resourced/Endangered Languages
 - Dialogue, Conversational Systems, Chatbots, Human-Robot Interaction
 - Speech Resources and Processing (including Phonetic Databases, Phonology, Prosody)
 - Statistical Methods and Machine Learning for Language Technologies (including Language Models)
 - Multilinguality and Machine Translation (including Speech-to-Speech translation)
 - Evaluation and Validation Methodologies
 - Opinion Mining, Sentiment Analysis, Emotion Recognition/Generation
 - Multimodality and Cross-modality (including Sign Languages, Vision and other modalities) and Multimedia
 - Social Media Processing
 - Statistical Methods and Machine Learning for Language Technologies (including Language Models)

While the areas that this time attracted less attention are:

- Natural Language Generation (including Summarization)

- Lexicons (also WordNet, FrameNet, Multimodal and Sign Language lexicons, etc.)
- Semantics (including Distributional Semantics, Word Sense Disambiguation, Coreference, etc.)
- Language Resources and Evaluation for Psycho-linguistics, Cognitive Linguistics and Linguistic Theories
- Digital Humanities and Cultural Heritage
- Discourse and Pragmatics
- Parsing, Tagging, Grammar, Syntax, Morphology
- Language Resource Infrastructures, Standards for LRs, Metadata, Policy issues, Ethics, Legal Issues
- Reproduction of Research Results in Science and Technology of Language

LREC Proceedings in Thomson Citation Index and SCOPUS

I remind that since 2010 the LREC Proceedings have been accepted for inclusion in CPCI (Thomson Reuters Conference Proceedings Citation Index). From 2018 the LREC Proceedings are also indexed by SCOPUS (Elsevier). These are important achievements, providing a better recognition to all LREC authors and useful in particular for young colleagues.

LREC and LRE Journal (Springer)

I also mention that 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).

Acknowledgments

As usual, I want to thank here all those who have made this LREC2022 possible.

I express my deepest gratitude to the new Chairs that we introduced this time: to the Workshop and Tutorial chairs and to the Area chairs. They all did a tremendous job.

As usual, I thank the old time friends of the Programme Committee: with them we went through the suggestions of the other chairs to make the final decisions. I wish to thank each of them, the new ones: Frédéric Béchet and Philippe Blache, and obviously the “old” ones: Khalid Choukri, Chris Cieri, Thierry Declerk, Hitoshi Isahara, Bente Maegaard, Joseph Mariani, Jan Odijk, Stelios Piperidis. A particular thanks goes to Thierry Declerk, who helped me in the preparation of the program, and to Khalid Choukri, who has worked for the preparation of the Proceedings in START. I am very grateful to Frédéric Béchet and Philippe Blache, chairs of the Local Committee, who dealt not only with local matters but also with matters of the hybrid organisation.

I thank the ELRA Association: LREC is a major service from ELRA to all the community. The ELRA Board members contributed to the change in the organisation and helped also in suggesting names of chairs for the various Areas.

I thank the two institutions that always dedicate a great effort to LREC: ELDA in Paris and ILC-CNR in Pisa. I am very proud of the work of Sara Goggi and H  l  ne Mazo, and I thank them for their dedication and competence in managing the many tasks they have in their hands. And I add my thanks to many other colleagues of the two institutions who contributed in different ways, and in particular to Victoria Arranz, Roberto Bartolini, Lucille Blanchard, Francesca Frontini, Val  rie Mapelli, Monica Monachini, Vincenzo Parrinelli, Valeria Quochi, Caroline Rannaud, Micka  l Rigaud, Alexandre Sicard, Kamelia Yahiaoui.

I express my deep gratitude to the local authorities and to the sponsors that have generously helped with financial support.

Also on behalf of the Program Committee, I praise our impressively large Scientific Committee. They did a great job, most of them on time.

I thank the Workshop and Tutorial organisers, who enrich LREC with so many interesting events. I hope the hybrid organisation will work with them too.

I thank the Catalyst company that helped us in the organisation of the hybrid event.

The biggest thanks goes to all the LREC authors, who provide the “substance” to LREC, and give us such a broad picture of the field. I am looking forward meeting many of you in Marseille.

And this time again I can thank all the LREC participants, both the remote and the onsite ones. I am so glad to meet so many of you soon. I really hope this LREC will open new research paths and new exciting work for many of you, also profiting of the many contacts you will have.

Marseille, with its special light, will be a fantastic Mediterranean location for LREC2022.

I welcome you at LREC2022, and with all the Programme Committee I hope you have fruitful contacts and find interesting and valuable presentations at the conference and readings in the LREC2022 Proceedings.

Enjoy LREC2022 in Marseille!

Nicoletta Calzolari

Chair of the 13th International Conference on
Language Resources and Evaluation
and ELRA Honorary President

LREC 2022

13th International Conference on Language Resources and Evaluation

Opening Address

António Branco, President of ELRA

LREC 2022

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Opening Address

ELRA Secretary General and ELDA Chief Executive Officer

Khalid Choukri

Dear guests, dear friends, Dear ELRA members, Dear LREC Participants,
Je suis très heureux que nous ayons repris la vie que nous chérissons tous en nous retrouvons ici à Marseille tous ensemble pour LREC 2022, avec l'espoir que la pandémie ne vous a pas trop impacté.

It is my great pleasure to welcome you all, four years after our last face to face LREC conference in Miyazaki, Japan, in 2018.

Welcome to all those who joined us today here in Marseille but also warm greetings to those who could not join us in person but are participating remotely.

It has been a challenge to organize an LREC as a hybrid conference, LREC which spirit is to meet friends and colleagues and revitalize our networks. This new framework (in person and remote participation) requires strict organizational processes and logistics and we hope that we will succeed to make the best out of it.

Welcome to this 13th edition of LREC.

ELRA & ELDA missions

ELRA has gone through an important restructuring to better account for the community expectations in terms of Language Resources and Evaluation of technologies. Some of this is elaborated upon by our president in his message. The major changes are related to the association membership and its governance. The technical, legal, logistics and other practical tasks will continue to be our core business while improving our connections to our members.

As most of you know, ELRA missioned ELDA to carry out its operational tasks and to put in operation its strategy. The General Assembly decides on the annual actions to conduct, and regular strategic meetings design the long-term perspectives and the associated roadmaps.

I have been proud to coordinate such activities with an excellent multidisciplinary team. Let me

highlight some of the practical tasks that we managed sustainably for over a quarter of a century.

LREC to promote recognition of LRs & Eval research

I am sure that many of you still remember the first time, 1998, in Granada after that ELRA had decided to establish a conference, fully dedicated to Language Resources and Evaluation of Human Language Technologies. ELRA focused on topics that were and still are fundamentally relevant to ensure that researchers can devote the necessary efforts to produce and package or re-purpose Language Resources and get the deserved peers recognition. We all understand that such recognition is essential for the curricula, through the citations and conference indexing. From the start, the idea was to oversee these topics in the largest inclusive context possible. It was of paramount importance to promote the field beyond the main streams of the moment. The main streams were mostly a strong focus on languages such as English, Mandarin, Arabic and very few European languages and with very few technical approaches.

LREC genesis came with all languages and modalities in its DNA and hence promoted works on less-resourced languages and in particular the indigenous ones spoken by small communities. They also need to benefit from our achievements. Since that first LREC and the promotion of language resources for all languages, we can see the smart increase in the number of languages that are tackled by the research and industry communities. LREC shows this through the number of languages cited in the LREMap (<https://lremap.elra.info/>). LREMap, as initiated by ELRA at LREC2010, help report on the language resources used/produced/used by the LREC authors. The initiative has been taken by other major conferences today. With about 8000 items and more than 100 different languages today, LREMap emphasizes the progress made so far. Nevertheless, we are still far away from the 7000 human languages out of which at least 30% would positively benefit from our field work.

The other important dimension of LREC (and LRE, Language Resources and Evaluation Journal, the associated ELRA Journal by Springer) is the promotion of evaluation of technologies and reproducibility of experiments. The number of evaluation campaigns has grown exponentially and, while this is necessary for the assessment of existing approaches, it became impossible to keep track and monitor this through an accessible inventory. It became so easy to initiate a challenge but very difficult to design this in a long-term roadmap with strong incentives that federate a large community able to conduct reproducible research. It is very common to see a challenge established for our round without too much scientific conclusions for the future. Some initiatives started focusing on less resourced languages. This should be highly encouraged and may be made mandatory so each time a benchmarking is initiated, at least one language that is not part of the few large ones is considered if it makes sense. Of course, the budget may not always be sufficient but many funding agencies would be ready to support such action. ELRA joined forces with other partners and is willing to continue such support if necessary.

It is crucial that the community decides to coordinate such challenges and set-up a repository for the campaigns but also ensure that developed resources, metrics, know-how is documented and made available. ELRA is prepared to play a role on this.

ELRA Catalogues & ISLRN

Our primary mission was to act as a data center for Language Resources sharing. To this end, we devoted our efforts to identifying useful data sets, reviewing the community publications, the outcome of the funded projects and the disseminated information. We worked on clearing all Intellectual Property Rights (IPR) and other legal issues with the right holders (not necessarily the data owners). Additional efforts were needed to document them using very detailed meta-data descriptors and we are happy to see these meta-data schemas re-used by others. We also designed the appropriate licenses to make the LRs easily licensable and usable for various purposes. Licensing remains a critical task as we need to balance the expectations of all parties (academic users, commercial partners, funding agencies, right holders, etc.). These different tasks, important to ensure the possibility to share LRs, are documented in our Data Management Plan (DMP, <http://www.elra.info/en/services-around-lrs/dmp/>) that we make available and customizable by third parties for their own resources with our free support when needed.

We also included, in our identification and cataloguing work of LRs, the packages produced within the evaluation campaigns I mentioned above. The package often comprises the test data, the metrics, as well as the benchmarking results and publications. These packages allow to reproduce the work done with an evaluation campaign by newcomers and consist of a useful “Exist strategy” that capitalizes on the work carried out during the campaign.

As of today, over 1500 Language resources are catalogued by ELRA and made available, covering more than 80 languages and language varieties, with a large set of modalities (audio, videos, OCR, texts, lexica, etc.), and various annotations and tagging, etc. We also continue other identification tasks, either on projects like we do for the European Commission through the ELRC contract or through other internal initiatives. For instance, within the ELRC contract (<https://www.lr-coordination.eu/>), our consortium identified over 4300 resources, out of which 3450 are available to all users under permissive licenses e.g. CC and the like. I also mentioned that ELRA continues to identify and clear the IPR aspects for resources submitted to the LREMAP that inventories all resources listed by the authors of LREC papers since LREC 2010 and may other conferences that joined us. With almost 8000 items, many are available from their right holders or data centers. In addition to this, we continue to make available the set of Language Resources that have been trusted to us, often under permissive licenses, within the Share-Your-LRs initiative, an LREC feature.

LR unique identification

A major problem that we are facing as a community is the duplicate resources in the different data centers that harvest online meta-data elements, producing their own inventories of data descriptions. In early 2000, a number of Language Resources players (inc. ELRA, LDC but also centers like Alaska Native Language Center, Langues et Civilisations à Tradition Orale, American Indian Studies Research Institute) agreed to join forces to establish OLAC, the Open Language Archives Community, that would be the repository of the meta-data to which researchers could refer.

With the emergence of a sizable number of infrastructures, many of them harvesting meta-data elements, it is essential that we assign unique identifiers to each LR to avoid that users get confused when acquiring or licensing resources.

Several major data centers have introduced the concept of ISLRN (International Standard Language Resource Number, <https://islrn.org/>), inspired from the publishing world. Since its inception, more than 200 institutions have joined this service, requesting ISLRN identifiers for their resources. We count now over 3200 identifiable resources in a unique way, wherever they are, even if they get renamed, etc. Of course ISLRN is part of the meta-data descriptors but it is more reliable than the naming and is not related to internet or to a given data-center or the internet-based Doi.

We hope to make this mandatory in the major conferences to ensure that we can keep track of existing resources that are distributed through multiple channels.

Indigenous Languages

To strengthen its mission on processing all languages, ELRA continues to encourage high-quality publications on all language resources and on endangered ones at LREC as well as at the many satellite workshops or the Language Resources and Evaluation Journal (LRE journal). ELRA took an active part to the various debates that emerged a few years ago on Indigenous languages. The important one was initiated by the United Nations and its agency UNESCO, through the International Year of Indigenous Languages (IYIL), in 2019.

ELRA and its partners managed to bring together different communities with their respective expertise and experience related to language technologies for all at one of the most important events, the LT4ALL conference in 2019 (<https://lt4all.org/en/>). Through the organization of this first conference, we hope that we have open new doors and charted an important new path. We are very proud that the initial action has considerably grown to lead to the decade of Indigenous languages (2022-2032) and hopefully with strong commitments from public, civil society, private and government agencies, aiming to design an achievable roadmap for 2030. ELRA is very confident, now that the ELRA-ISCA joint SIG on the under-resourced languages (SIGUL) is fully operational and in good hands, to continue the work on this topic. More will be discussed during this conference and at the SIGUL workshop.

LR production

ELDA has been and remains a major player in the production of language resources, both in R&D projects and for its partners. This production service covers all modalities, all languages, and all types of annotations. ELDA methodologies are designed with its partners from research and industry to ensure efficient production processes and high quality outcomes with a customized validation procedure. ELDA is proud to work with a large number of LREC participants to carry out such production activity.

ELRA and Legal /Ethics

Part of the ELDA mission is to support the use of language resources or to conduct evaluation campaigns

and challenges in a clean legal context and conditions. Our experts continue to clear all IPR and other legal dimension to make the resources shareable. We continue to document these legal developments worldwide through regular reports but also through direct support to cases faced by the community (<http://www.elra.info/en/dissemination/legal-issues-papers/>). The main outcome of this is the very efficient partnership established with other data centers and experts to organize a useful workshop that takes place at each LREC. It is the community duty to ensure that all what is done complies with the legal frameworks but also adhere to high standards when it comes to ethics. ELRA, as a data center player, focuses its efforts on developing resources that reflect reality and accounting the ground truth that can help assess state of the art systems. But this ground truth should not compromise with the various biases that clearly impact the use of our technologies when based on data learning paradigms. The community needs to make our resources irreproachable, with transparent methodologies for the production as well as for the validation and the sharing. When the systems require a ground truth that clearly comprises bias, this should be explicitly documented, and an ideal situation contemplated.

This also applies to technology development. We need to ensure that systems' analysis and outputs are fair, leading to impeccably explainable results and compliant with our ethics.

Ethic is for many of us universal but likely, for many others, culturally based. Whatever we think, the use of our resources and technologies should aspire to a fundamental respect of humankind. This is why at each LREC, ELRA and its partners organize the specific workshop, mentioned above, to discuss ethical dimensions of our work, the novelties of legal frameworks all over the world, to brainstorm about requirements regarding respect of privacy, personal information, requirement for anonymization of our data sets, etc. LREC 2022 will continue this tradition through the dedicated legal & ethical issues workshop.

Future Plans and Plans for the future

Where are we heading today? The new ELRA structure and governance will help continue to monitor the current developments. The community is heavily investing in IA-based packages and very large language models are produced and made available for various technologies and various languages even with multilingual approaches. ELRA supports such initiatives and is working to make available such Language Models, both the ones freely available under permissive licenses and the proprietary ones that could be license with particular conditions and restrictions. It's important to seek re-usability and avoid re-training again and again similar models, given the energy consumption needed. Of course such modeling should take place for new languages and new domains.

While Language Modeling is the current state of the art, new techniques and approaches will emerge sooner or later so as a community we should not abandon fundamental research on how to develop high-quality raw resources usable beyond today's state of affairs as well as the zero-resources approaches that may help many under resourced languages.

Acknowledgments

The European Language Resources Association, ELRA, and the LREC Committees acknowledge with gratitude the support and sponsoring of the following institutions.

- Google (Diamond)
- SADILAR (Silver)
- Vocapia (Silver)
- 3M (Bronze)
- Emvista (Bronze)
- Expert.ai (Bronze)
- Grammarly (Bronze)
- Délégation générale à la langue française et aux langues de France, Ministère de la Culture, France (Institutional Support, French Government)
- Région Sud Provence-Alpes-Côte d'Azur (Institutional Support, Local Government)
- MultiLingual (Media)

I would like also thank our colleagues from the local committee, chaired by Frédéric Béchet and Philippe Blache. The local team was involved in the organization of two consecutive LRECs (2020 and 2022). I would like to warmly thank the joint team of the two institutions that devoted so much effort over months and often behind curtains to make this one week memorable: ILC-CNR in Pisa and my own team, ELDA, in Paris. These are the two LREC coordinators and pillars: Sara Goggi and Hélène Mazo. Thank you also to the ILC-CNR and ELDA teams who contributed to the scientific and organizational aspects of this LREC: Victoria Arranz, Roberto Bartolini, Lucille Blanchard, Francesca Frontini, Valérie Mapelli, Monica Monachini, Vincenzo Parrinelli, Valeria Quochi, Caroline Rannaud, Mickaël Rigaud, Alexandre Sicard, Kamelia Yahiaoui.

Another word of thanks to Knut

A very particular gratefulness and gratitude on behalf of all of us, for the work carried out for more than thirty years. Knut Hofland modestly wrote *"I started the Corpora list after the 13th ICAME conference in Nijmegen in 1992 with 62 subscribers. The list has now more than 6200 subscribers"*. Knut deserves our recognition for his excellent initiative, and all the efforts he did put in maintaining and moderating the Corpora list over these 30 years. ELRA is proud and prepared to take over, with the support of other institutions.

I hope that you will enjoy this 13th edition of the LREC conference, organized as a hybride event to allow more colleagues to join us, I hope that you will also appreciate the workshops that are going on site and virtual,

Marseille, France, June 21, 2022

Khalid Choukri

ELRA Secretary General and ELDA Chief Executive Officer

LREC 2022

13th International Conference on Language Resources and Evaluation

Opening Address

Chairs of the Local Committee

Frédéric Béchet and Philippe Blache

LREC 2022 Committees

- Conference Programme Committee
 - Nicoletta Calzolari ILC/CNR, Pisa, Italy (Conference chair)
 - Frédéric Béchet LIS-CNRS, Aix-Marseille Université, Marseille- France
 - Philippe Blache CNRS & Aix-Marseille Université, Marseille- France
 - Khalid Choukri ELRA, Paris, France
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- Tutorial Chairs
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- Workshop Chairs
 - Simonetta Montemagni ILC-CNR, Italy
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 - Takenobu Tokunaga Tokyo Institute of Technology, Japan

LREC 2022 Area Chairs

- **Applications involving LRs and Evaluation (including applications in specific domains)**
 - Axel Ngonga, Paderborn University, Paderborn, Germany
 - Ivandré Paraboni, University of São Paulo, São Paulo, Brazil
 - Paul Rodrigues, Accenture, Washington (DC), USA & University of Maryland, College Park (MD), USA
 - Karin Verspoor, RMIT University, Melbourne, Australia
- **Corpora and Annotation (including Tools, Systems, Treebanks)**
 - Masayuki Asahara, National Institute for Japanese Language and Linguistics, Tolyo, Japan
 - Darja Fišer, University of Ljubljana and Institute of Contemporary History, Ljubljana, Slovenia
 - Monica Monachini, Istituto di Linguistica Computazionale "Antonio Zampolli", Pisa, Italy
 - Djamel Seddah, Université Paris-Sorbonne, Paris, France
- **Dialogue, Conversational Systems, Chatbots, Human-Robot Interaction**
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 - Sara Tonelli, Fondazione Bruno Kessler, Trento, Italy
 - Andreas Witt, Universität zu Köln, Köln, Germany
- **Discourse and Pragmatics**
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The European Language Resources Association, ELRA, and the LREC Committees acknowledge with gratitude the support and sponsoring of the following institutions.

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