

Awards / Activities

Awards

Activities

Awards

1. *CodiEsp-D. Main evaluation metric: Mean Average Precision*

The CodiEsp Track is part of the CLEF 2020 conference. CLEF 2020 consists of an independent peer-reviewed conference on a broad range of issues in the fields of multilingual and multimodal information access evaluation, as well as a set of labs and workshops designed to test different aspects of mono- and cross-language information retrieval systems. IXA's team delivered the highest Mean Average Precision in the CodiEsp task awards.

Recipients: Alberto Blanco, Alicia Pérez, Arantza Casillas

2. *Winner of the Capitel@IberLEF 2020 shared task on Named Entity Recognition (NER) for Spanish*

The three systems presented by IXA Group (HiTZ center) to the competition CAPITEL@IberLEF2020 have ranked first in the task on Named Entity Recognition and Classification (NER) in Spanish News Articles.

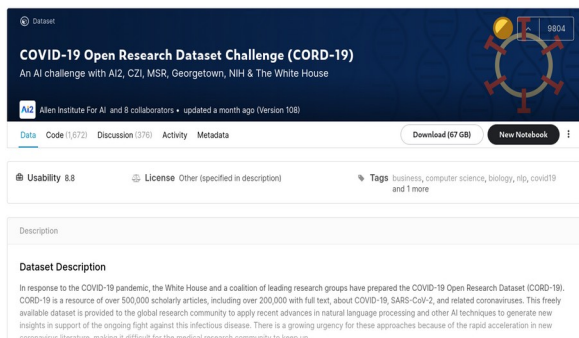


CAPITEL @ IberLEF 2020

Recipients: Rodrigo Agerri, German Rigau, Ixa Taldea

3. *COVID-19 Open Research Dataset Challenge (CORD-19)*

The competition CORD-19 (COVID-19 Open Research Dataset Challenge) has been organized by several organizations such as Allen Institute for AI, Chan Zuckerberg Initiative, Georgetown University, Microsoft Research, National Institutes of Health and The White House Office of Science and Technology Policy. The organization has made



available to the global research community more than 50,000 scientific articles on COVID-19, SARS-CoV-2 and other coronavirus. At the same time, they issue a call to action to artificial intelligence researchers to apply the recent advances in natural language processing, in order to help scientists fighting COVID-19 disease to

find necessary information in the scientific literature.

Recipients: Eneko Agirre, Arantxa Otegi, Jon Ander Campos, Aitor Soroa

4. *Honorable mention paper award (top 1%) at EMNLP (Conference on Empirical Methods in Natural Language Processing).*

The paper, "Spot the Bot: A Robust and Efficient Framework for the Evaluation of Conversational Dialogue Systems," was among the four articles given an honorable mention for the Best Paper Award, which means it was at the top %1 of all accepted papers.



Recipients: Jon Ander Campos, Aitor Soroa, Eneko Agirre, and collaborators Jan Deriu, Don Tuggener, Pius von Däniken, Alvaro Rodrigo, Thiziri Belkacem, Mark Cieliebak

5. *Outstanding Paper award (top 2%) at COLING (International Conference on Computational Linguistics).*

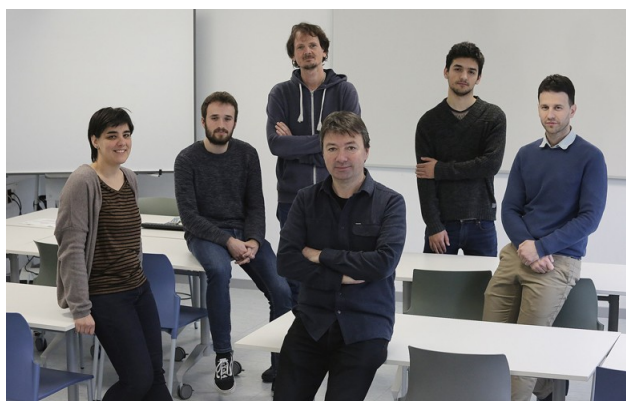
The paper, "Improving Conversational Question Answering Systems after Deployment using Feedback-Weighted Learning," was selected as one of the 16 papers deemed to be of outstanding quality, which means it was at the top %1 of all accepted papers.



Recipients: Jon Ander Campos, Arantxa Otegi, Aitor Soroa, Eneko Agirre, Gorka Azkune

6. Google Faculty Research Awards.

Eneko Agirre received one of Google's annual Faculty Research Awards. In the field of natural language processing, Google awarded 11 prizes in the area of language processing. Overall, it selected 150 proposals among 917 candidates from 18 areas across the field of Artificial Intelligence submitted by 330 universities from 50 countries. Just 25% of the proposals selected were from universities outside the United States and, in the case of natural language processing, only one award was given in Europe. Professor Agirre is one of the few researchers to win the award three times. The prize is endowed with \$70,000, which will finance his project entitled "Conversational Question Answering agents that learn after



deployment," focused on developing dialog systems that are capable of learning while interacting with users. In his study, Eneko has benefitted from the collaboration of Professors Aitor Soroa and Gorka Azkune, researcher Arantxa Otegi, doctoral student Jon Ander Campos, masters student Aitor Agirre and graduate student Eduardo Vallejo.

Recipients: Eneko Agirre and collaborators Aitor Soroa, Gorka Azkune, Arantxa Otegi, Jon Ander Campos, Aitor Agirre, Eduardo Vallejo

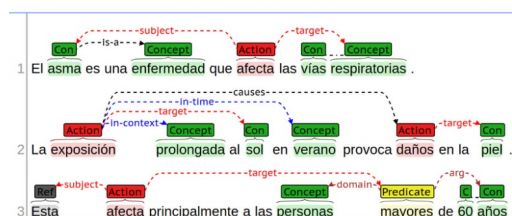
7. eHealth-2020 Tournament

Oscar Sainz and Edgar Andrés, students in the HAP-LAP masters program, obtained an excellent result at the eHealth-2020 tournament, supported by Aitziber Atutxa and researcher and professor at the Computer Science Department, Oier López de Lacalle. The team (IXA-NER-RE) won the "relational extraction" subtask, with a notable difference compared to second place. In addition, although its main objective was to participate in the "relational extraction" subtask, a small system was also entered into the "entity knowledge" and "domain change" subtask competitions that came in fourth overall.

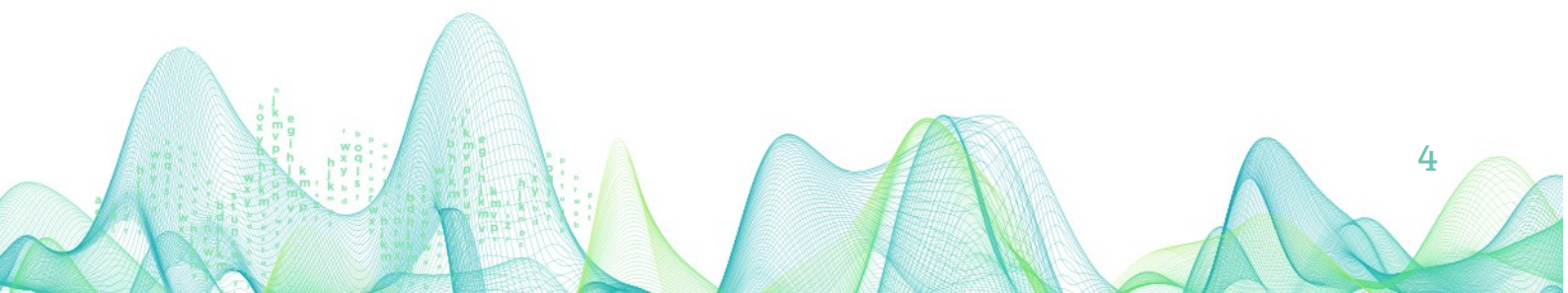


ubtask B: Relation extraction

ubtask B continues from the output of Subtask B, by linking the entities detected and labelled in the input document. The purpose of this subtask is to recognize all relevant semantic relationships between the entities recognized. Eight of the thirteen semantic relations defined for this challenge can be identified in the following example:



Recipients: Jon Ander Campos, Arantxa Otegi, Aitor Soroa, Eneko Agirre, Gorka Azkune



Activities

SEMINARS

- **RODRIGO AGERRI**
Tools for the analysis of parliamentary discourses: polarization, subjectivity and affectivity in the post-truth era (2020/12/15)
- **RODRIGO AGERRI**
DEEPPREADING (2020/11/30)
- **ARANTXA OTEGI**
VIGICOVID (2020/11/23)
- **GORKA LABAKA**
MT4ALL (2020/11/16)
- **KEPA SARASOLA**
Domino (2020/11/09)
- **ITZIAR GONZALEZ-DIOS**
Adimen-SUMO (2020/11/09)
- **GORKA AZKUNE**
Multimodal deep learning (2020/11/03)
- **ANDER BARRENA**
Better Extraction From Text Towards Enhanced Retrieval II (2020/10/26)
- **ANDER BARRENA**
Better Extraction From Text Towards Enhanced Retrieval (2020/07/17)
- **JIAWEI ZHAO**
Non-linearities in Cross-lingual word embedding (2020/07/10)

- **MIKEL ARTETXE**
Unsupervised machine translation (2020/07/04)
- **XABIER SOTO**
Osasun-txostenen itzulpen autotmatikoa euskararen eta gazteleraren artean (2020/06/26)
- **JOAN ANDER CAMPOS ETA IKER GARCÍA**
*Sare neuronaletan oinarritutako dialogo sistemak. (J. A. Campos),
Adquisición y explotación de conocimiento cross-lingüe (I. Garcia) (27:57tik aurrera) (2020/06/19)*
- **ANDER SALABERRIA**
Errepresentazio multimodalen ikasketa automatikoa (2020/06/04)
- **UNAI ATUTXA**
Laburpen gaitasunaren garapena eta eskolako laburpen-testuen prozesamendua (2020/05/29)
- **MIKEL IRUSKIETA**
Ixa Taldearen rola CLARINen: hizkuntza-azpiegitura sortzeko garaia (2020/05/15)
- **KLARA CEBERIO ETA GALDER**
Wikidata eta lemak (2020/05/08)
- **ANDER BARRENA**
Testuinguruen errepresentazio eleanitzak (2020/04/03)
- **IGOR LETURIA**
Hizketa-ezagutza eta -sintesiko sistemak- Okzitanierarako TTSaren kasua (2020/02/14)
- **JOSEBA FERNANDEZ DE LANDA**
On-line komunitatearen azterketa soziologikoa hizkuntzaren prozesamenduko teknikak erabilia (2020/02/06)

- **ARANTXA OTEGI**
LIHLITH (2020/01/30)
- **MIKEL ARTETXE**
UnsupNMT (2020/01/24)
- **JAVIER ALVEZ & ITZIAR GONZALEZ-DIOS**
Adimen-SUMO, wordnets and related initiatives (2020/01/10)

WORKSHOPS

1. *Workshop INTELE*
Ainara Estarrona, Mikel Iruskieta, German Rigau
25/11/2020
2. *DeeLIO Workshop at EMNLP*
Eneko Agirre
20/11/2020
3. *Multimodal Wordnets at LREC (Marseille)*
Itziar Gonzalez-Dios, German Rigau
11/05/2020