

Fecha del CVA	15/01/2026
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## Parte A. DATOS PERSONALES

Nombre	Elena		
Apellidos	Lloret Pastor		
Sexo	Mujer	Fecha de Nacimiento	
DNI/NIE/Pasaporte			
URL Web			
Dirección Email	elena.lloret@ua.es		
Open Researcher and Contributor ID (ORCID)	0000-0002-2926-294X		

### A.1. Situación profesional actual

Puesto	CATEDRATICO/A DE UNIVERSIDAD		
Fecha inicio	2024		
Organismo / Institución	UNIVERSIDAD DE ALICANTE		
Departamento / Centro	ESCUELA POLITECNICA SUPERIOR / LENGUAJES Y SISTEMAS INFORMATICOS		
País		Teléfono	
Palabras clave			

### A.3. Formación académica

Grado/Master/Tesis	Universidad / País	Año
TESIS DOCTORAL	UNIVERSIDAD DE ALICANTE	2011
INGENIERÍA EN INFORMÁTICA	UNIVERSIDAD DE ALICANTE	2006

## Parte B. RESUMEN DEL CV

Elena Lloret Pastor is a Full Professor in the area of Languages and Computer Systems at the University of Alicante. She graduated in Computer Engineering in 2006 and obtained her PhD from the University of Alicante in 2011. She has gained over 15 years of experience in Natural Language Processing (NLP), primarily in the fields of Automatic Text Summarization and Natural Language Generation (NLG).

Her research career began in September 2007 when she joined the GPLSI research group at the University of Alicante as a predoctoral researcher, led by Dr. Manuel Palomar, with whom she remains affiliated. She received a competitive doctoral research grant from the Ministry of Science and Innovation (FPI-BES-2007-16268) to pursue her PhD in the area of NLP, specifically in Automatic Text Summarization. In 2011, she completed her PhD with the highest honors, "Outstanding Cum Laude by unanimous decision" (with European doctoral mention) for her dissertation "Text Summarization based on Human Language Technologies and its Applications", which earned her the "Extraordinary Doctoral Award" from the University of Alicante.

Elena Lloret has an outstanding scientific and research track record, given the number of years she has worked in the field of NLP. She has published over 100 research articles in prestigious journals and conferences. As a result, she has been awarded 2 recognized research tenures (sexenios) by the CNEAI (2008-2013; 2014-2019). Her average publication rate is 6 articles per year. A significant scientific achievement of her PhD was the development of techniques for creating versatile approaches to automatic summarization. This led to the development of the COMPENDIUM GPLSI software, which was registered (A-322-11) and transferred to society through an exploitation license granted to DOCUMELIA S.L (DOCUMELIA2-12D). The software is also publicly available for use as an online demo.

She has conducted several research stays at renowned institutions such as the University of Wolverhampton (UK), University of Sheffield (UK), University of Edinburgh (UK), Lorraine Research Laboratory in Computer Science and its Applications (France), and the MaiNLP group at LMU Munich. She has participated as a researcher in more than 40 research projects at regional, national, and European levels, funded through competitive public calls. Notably, she served as the Principal Investigator (PI) for the national project "Conscious Text Generation" and as a co-PI for the European COST Action Multi3Generation (CA18231).

Elena Lloret has always been committed to NLP research and has actively participated in the research activities of the following associations: Spanish Society for Natural Language Processing (SEPLN) (of which she is the current Treasurer) and Multilingual Summarization Community (MultiLing). She has also been part of the National Networks of Excellence in PLN.NET (RED2018-102418-T) and the Network of Excellence in Intelligent Data Processing and Natural Language Generation (TIN2017-90773-REDT).

She has participated in various scientific and program committees for the review of publications in both conferences (e.g., ACL, EACL) and high-impact journals indexed in JCR. She has also evaluated proposals in national project calls.

Regarding the training and promotion of new researchers, she has supervised 2 doctoral theses in the field of NLG: "Proposal of a Hybrid Approach for Natural Language Generation and its Application to Human Language Technologies" (defended in September 2019 and graded as Outstanding Cum Laude), and "A Discourse-Sensitive Macroplanning Approach for Text Generation and Beyond" (defended in December 2021 and also graded as Outstanding Cum Laude). She is currently supervising 3 more theses. Furthermore, she was instrumental in organizing and promoting the Doctoral Symposium at the annual SEPLN conference during the years 2015-2019 and 2024-2025.

## Parte C. LISTADO DE APORTACIONES MÁS RELEVANTES

### C.1. Publicaciones más importantes en libros y revistas con "peer review" y conferencias

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores. Si aplica, indique el número de citaciones

- 1 Artículo científico.** Consuegra-Ayala, J. P.; Morote-Martínez, A.; Valero-Abellón, F.; Lloret, E.; Moreda, P.; Palomar, M.(4/6). 2025. Team gpsi at qclef 2025: Quantum-inspired instance selection and clustering. Working Notes of CLEF.
- 2 Artículo científico.** Morote-Martínez, A.; Consuegra-Ayala, J. P.; Lloret, E.(3/3). 2025. Preserving Grammatical Gender when Debiasing Word Embeddings in Spanish. Procesamiento del lenguaje natural. ISSN 1135-5948. <https://doi.org/10.26342/2025-75-16>
- 3 Artículo científico.** Consuegra-Ayala, J. P.; Iván Martínez Murillo; Lloret, E.; Moreda, P.; Palomar, M.(3/5). 2024. A multifaceted approach to detect gender biases in Natural Language Generation. Knowledge-Based Systems. 303. ISSN 0950-7051. <https://doi.org/10.1016/j.knosys.2024.112367>
- 4 Artículo científico.** Sepulveda, R; Marta Vicente ; Saquete, E.; Lloret, E.; Palomar, M.(4/5). 2023. Leveraging relevant summarized information and multi-layer classification to generalize the detection of misleading headlines. Data and Knowledge Engineering. 145/102176. ISSN 0169-023X. <https://doi.org/10.1016/j.datak.2023.102176>
- 5 Artículo científico.** González Mora, C.; Cristina Barros ; Garrigos, I.; Zubcoff, Jose; Lloret, E.; Jose-Norberto Mazón. (5/6). 2023. Improving open data web API documentation through interactivity and natural language generation. Computer Standards and Interfaces. 83, pp.103657. ISSN 0920-5489. <https://doi.org/10.1016/j.csi.2022.103657>

- 6 **Artículo científico.** Lloret, E.; Anabela Barreiro ; Mehul Bhatt ; et al; Aykut Erdem. (1/13). 2023. Multi3Generation: Multitask, Multilingual, and Multimodal Language Generation. Open Research Europe (Advances in Natural Language Generation collection). 3/176, pp.1-15. ISSN 2732-5121. <https://doi.org/10.12688/openreseurope.16307.1>
- 7 **Artículo científico.** Miró Maestre, M.; Vicente, M.; Lloret, E.; Suárez, A.(3/4). 2022. Extracting Narrative Patterns in Different Textual Genres: A Multilevel Feature Discourse Analysis. Information. 14(1). ISSN 2078-2489. <https://doi.org/10.3390/info14010028>
- 8 **Artículo científico.** Erkut Erdem ; Menekse Kuyu ; Semih Yagcioglu ; et al; Grazina Korvel ; Lloret, E.(11/18). 2022. Neural Natural Language Generation: A Survey on Multilinguality, Multimodality, Controllability and Learning. Journal of Artificial Intelligence Research. 73, pp.1131-1207. ISSN 1076-9757. <https://doi.org/10.1613/jair.1.12918>
- 9 **Artículo científico.** Sepulveda, R; Vicente, M.; Saquete, E.; Lloret, E.; Palomar, M.(4/5). 2021. HeadlineStanceChecker: Exploiting summarization to detect headline disinformation. Web Semantics. 71. ISSN 1570-8268. <https://doi.org/10.1016/j.websem.2021.100660>
- 10 **Artículo científico.** Vicente, M.; Miró Maestre, M.; Lloret, E.; Suárez, A.(3/4). 2021. Leveraging Machine Learning to Explain the Nature of Written Genres. IEEE access. 9, pp.24705-24726. ISSN 2169-3536. <https://doi.org/10.1109/ACCESS.2021.3056927>
- 11 **Artículo científico.** Barros,C; Vicente, M.; Lloret, E.(3/3). 2021. To what extent does content selection affect surface realization in the context of headline generation?. Computer Speech and Language. 67/101179. ISSN 0885-2308. <https://doi.org/10.1016/j.csl.2020.101179>
- 12 **Artículo científico.** Zamuda, A. ; Lloret, E.(2/2). 2020. Optimizing Data-Driven Models for Summarization as Parallel Tasks. Journal of Computational Science. 42/101101, pp.1-16. ISSN 1877-7503. <https://doi.org/10.1016/j.jocs.2020.101101>
- 13 **Artículo científico.** Vicente, M.; Lloret, E.(2/2). 2020. Relevant content selection through positional language models: an exploratory analysis. Procesamiento del lenguaje natural. 65, pp.75-82. ISSN 1135-5948. <https://doi.org/10.26342/2020-65-9>
- 14 **Capítulo de libro.** Lloret, E.; Tatiana Vodolazova ; PALOMA MOREDA ; RAFAEL MUÑOZ ; MANUEL PALOMAR. (1/5). 2019. Multilingual Text Analysis. Are Better Summaries Also Easier to Understand? Analyzing Text Complexity in Automatic Summarization. World Scientific Publishing Co.. pp.337-369. ISBN 9789813274884. [https://doi.org/10.1142/9789813274884\\_0010](https://doi.org/10.1142/9789813274884_0010)

### C.3. Proyectos o líneas de investigación

- 1 **Proyecto.** SAFEWORDS: Language Anonymization with Ethical and Legal Safeguards through NLP. MINISTERIO DE CIENCIA, INNOVACION Y UNIVERSIDADES. Fernández Pérez, N.01/12/2025-30/11/2028. 297.500 €.
- 2 **Proyecto.** Criterios de Evaluación para Corpus de Calidad en Inteligencia Artificial (CRITERIA). FUNDACION RAMON ARECES. Espinosa, I.03/11/2025-02/11/2028. 40.000 €.
- 3 **Proyecto.** Mecánica cuántica para la Comprensión y Generación del Lenguaje. MINISTERIO DE CIENCIA, INNOVACION Y UNIVERSIDADES. Moreda, P.01/09/2025-31/08/2028. 0 €.
- 4 **Proyecto.** GEO.IA PLATAFORMA DE GEOINTELIGENCIA ARTIFICIAL PARA RESOLVER PROBLEMAS A LOS CIUDADANOS Y FACILITAR LA TOMA DE DECISIONES ESTRATÉGICAS. AGENCIA VALENCIANA DE LA INNOVACION. Montoyo. A.18/04/2023-31/12/2025. 254.344,83 €.
- 5 **Proyecto.** NL4DISMIS: Natural Language Technologies for dealing with dis- and misinformation. CONSELLERIA DE INNOVACION, UNIVERSIDADES, CIENCIA Y SOCIEDAD DIGITAL. Palomar, M.01/01/2022-31/12/2025. 596.889,44 €.
- 6 **Proyecto.** Modernización de la administración pública mediante procesamiento del lenguaje natural para que su contenido digital sea MÁS CLARO para personas con discapacidades cognitivas. MINISTERIO DE CIENCIA, INNOVACION Y UNIVERSIDADES. Palomar, M.01/12/2022-30/09/2025. 393.300 €.

- 7 **Proyecto.** PID2021-123956OB-I00, Generación consciente de textos (CORTEX, COncscious natuRal TEXT generation). Lloret, E.(Universidad de Alicante. Departamento de Lenguajes y Sistemas Informáticos.). 01/09/2022-31/08/2025.
- 8 **Proyecto.** Estancias en Ludwig-Maximilians-Universität (LMU), Alemania.. MINISTERIO DE UNIVERSIDADES. Lloret, E.06/05/2024-31/07/2024. 9.731 €.
- 9 **Proyecto.** CA18231, MULTI3GENERATION: MULTI-TASK, MULTILINGUAL, MULTI-MODAL LANGUAGE GENERATION. EUROPEAN COMMISSION (COST ACTION). 09/02/2019-08/03/2024. Esta acción cost trata sobre la temática de la generación del lenguaje. En concreto, además de representante de España para el Management Committee, soy vice-chair de este proyecto (co-IP), con lo cua...
- 10 **Proyecto.** RTI2018-094649-B-I00, Generación Inteligente de Textos. MINISTERIO DE ECONOMIA Y EMPRESA. Suárez, A.(UNIVERSIDAD DE ALICANTE). 01/01/2019-31/12/2021. 66.913 €.
- 11 **Proyecto.** PROMETEO/2018/089, Tecnologías del lenguaje humano para una sociedad inclusiva, igualitaria, y accesible. GENERALITAT VALENCIANA. Palomar, M.(UNIVERSIDAD DE ALICANTE). 01/01/2018-31/12/2021. 291.256 €.

#### **C.4. Actividades de transferencia de tecnología/conocimiento y explotación de resultados**

- 1 HanaNLG: Sistema de generación de lenguaje híbrido y flexible. España. 02/09/2020.
- 2 Generación de Lenguaje Natural para documentación OpenAPI. España. 20/05/2020. UNIVERSIDAD DE ALICANTE.
- 3 TravelSum España. 01/07/2017. Universidad de AlicanteProcesamiento del Lenguaje Natural y Sistemas de Información (GPLSI).