

[RESEARCH EXCELLENCE](#)[CONTACT US](#)[ENGLISH](#)

Search ...

**Barcelona  
Supercomputing  
Center***Centro Nacional de Supercomputación*[DISCOVER BSC](#) [RESEARCH & DEVELOPMENT](#) [MARENOSTRUM](#) [TECH TRANSFER](#) [JOIN US](#)  
[EDUCATION](#) [NEWS](#)Home / [Join Us](#) / [Job Opportunities](#) / **262\_24\_LS\_LT\_RE3**[< Home](#)[> Join Us](#)[Fellowships](#)[Scholarships](#)[Job Opportunities](#)[Excellence Career Opportunities](#)[HR Initiatives & Badges](#)[Recruitment Process - OTM-R](#)[Why to work at BSC](#)

## Navigation

[Add content](#)[Manage Outstanding News](#)[Contact People](#)

User Manual  
BSC-CNS Intranet  
Recent content  
Download pdf  
News  
Keywords  
About & MN pages  
Administer Biblio  
Publications Excel File  
Editing content  
Events  
Galleries  
General Info  
HPC events  
Job Offers  
Unpublished Job or Fellowship Offers  
Job Applications  
News  
Press Releases  
Research departments pages  
Related Links  
Tenders  
BSC E-mail templates  
Tender Files Log  
Bibliography



SHARE

## RE3 - Team Leader Speech, Language Technologies

Edit

---

Clone content

### Recruitment App Link

---

<https://webapps.bsc.es/recruitment/job/3225>

## Website Node ID

63571

## Job Reference

262\_24\_LS\_LT\_RE3

## Position

RE3 - Team Leader Speech, Language Technologies

## Closing Date

Thursday, 01 August, 2024

**Reference:** 262\_24\_LS\_LT\_RE3

**Job title:** RE3 - Team Leader Speech, Language Technologies

### About BSC

The Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) is the leading supercomputing center in Spain. It houses MareNostrum, one of the most powerful supercomputers in Europe, was a founding and hosting member of the former European HPC infrastructure PRACE (Partnership for Advanced Computing in Europe), and is now hosting entity for EuroHPC JU, the Joint Undertaking that leads large-scale investments and HPC provision in Europe. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress. BSC combines HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof, and currently has over 1000 staff from 60 countries.

Look at the BSC experience:

[BSC-CNS YouTube Channel](#)

Let's stay connected with BSC Folks!

We are particularly interested for this role in the strengths and lived experiences of women and underrepresented groups to help us avoid perpetuating biases and oversights in science and IT research. In instances of equal merit, the incorporation of the under-represented sex will be favoured.

### Context And Mission

The Language Technologies Unit at BSC has a consolidated experience in several NLP areas, such as massive language model building, biomedical text mining, machine translation and unsupervised learning for under-resourced languages and domains. It has been entrusted by the Spanish and the Catalan government, with the mission to develop fundamental open-source resources and technologies for Spanish and Catalan. In connection with this, the LT Unit is currently in charge of three flagship projects at the national and regional level: the Spanish National Language Technology Plan and ILENIA funded by the Spanish Secretariat of Digitalisation and Artificial Intelligence; and the AINA project, aimed at developing AI resources for Catalan, funded by the Catalan Digitalisation Department. In addition, the Unit participates in various EU funded international projects.

The LT Unit at BSC is looking for a Team Leader of Machine Learning with experience in Language Technologies, specifically in Deep Learning applied to speech processing and possible large language model building.

The successful candidate will work in a highly sophisticated HPC environment, lead a young team of motivated ML engineers, will have access to state-of-the-art systems and computational infrastructures, and will establish collaborations with experts in different areas both at the local and international levels.

### **Key Duties**

- Lead a team of ML engineers, data engineers and computational linguists
- Determine the priorities of the team
- Externalize work if necessary, writing requirement documents and managing the work of the external providers
- Ensure that the successful delivery of the results
- Represent the speech team in the coordination meetings of the unit
- Mentor team members for career growth
- Apply for research projects
- Write research papers

### **Requirements**

- Education
  - › Master's degree in Computer Science, Telecommunications, Applied linguistics or related disciplines
  - › PhD preferable

- Essential Knowledge and Professional Experience
  - › Demonstrated experience of at least 2 years in leading engineering teams in the relevant area(s).
  - › Demonstrated experience of at least 5 years in deep learning frameworks and in the relevant area(s).
  - › Published papers on deep learning, specifically in speech.
  - › Experience in project management
  - › Experience in managing product development from ideation to delivery
  - › Knowledge on version control tools, and MLOps best practices.
- Additional Knowledge and Professional Experience
  - › Experience in development of text-to-speech models
  - › Demonstrated experience in developing open source software and resources
  - › Native or good level of spoken and written English, Spanish and Catalan
  - › Strong understanding of linguistic concepts.
- Competences
  - › Ability to work in a team to complete tasks on schedule.
  - › Ability to prioritize work, personally and for others
  - › Ability to work under set deadlines

## Conditions

- The position will be located at BSC within the Life Sciences Department
- We offer a full-time contract (37.5h/week), a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible working hours, extensive training plan, restaurant tickets, private health insurance, support to the relocation procedures
- Duration: Open-ended contract due to technical and scientific activities linked to the project and budget duration
- Holidays: 23 paid vacation days plus 24th and 31st of December per our collective agreement
- Salary: we offer a competitive salary commensurate with the qualifications and experience of the candidate and according to the cost of living in Barcelona
- Starting date: asap

## Applications procedure and process

All applications must be made through BSC website and contain:

- A full CV in English including contact details
- A Cover Letter with a statement of interest in English, including two contacts for further references - Applications without this document will not be considered

In accordance with the OTM-R principles, a gender-balanced recruitment panel is formed for every vacancy at the beginning of the process. After reviewing the content of the applications, the panel will start the interviews, with at least one technical and one administrative interview. A profile questionnaire as well as a technical exercise may be required during the process.

The panel will make a final decision and all candidates who had contacts with them will receive a feedback with details on the acceptance or rejection of their profile.

At BSC we are seeking continuous improvement in our recruitment processes, for any suggestions or feedback/complaints about our Recruitment Processes, please contact [recruitment@bsc.es](mailto:recruitment@bsc.es).

For more information follow [this link](#)

## Deadline

The vacancy will remain open until a suitable candidate has been hired. Applications will be regularly reviewed and potential candidates will be contacted.

## OTM-R principles for selection processes

BSC-CNS is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission and the Open, Transparent and Merit-based Recruitment principles (OTM-R). This is applied for any potential candidate in all our processes, for example by creating gender-balanced recruitment panels and recognizing career breaks etc.

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

For more information follow [this link](#)

This position is reserved for candidates who meet the requirements and have the legal status of disabled persons with a degree of disability equal to or greater than 33%. In case there are no applicants with disabilities that meet the requirements, the rest of the candidates without declared disability will be evaluated.

## Application Form

You are applying for the following job offer

262\_24\_LS\_LT\_RE3

---

Name and Surname \*

---

Gender \*\* \*

Female

Male

Other

Email \*

---

Nationality\*\* \*

---

Where did you first see this job offer (Please indicate the name of the website, social media, referral etc.)? \*

please choose one of this and if needed describe the option : - BSC Website - Euraxess - Spotify - HiPeac - LinkedIn - Networking/Referral: include who and how - Events (Forum, career fairs): include who and how - Through University: include the university name - Specialized website (Metjobs, BIB, other): include which one - Other social Networks: (Twitter, Facebook, Instagram, Youtube): include which one - Other (Glassdoor, ResearchGate, job search website and other cases): include which one

---

**Upload CV (select the file, then click the Upload button) \***

Examinar... No se ha seleccion...o ningún archivo.

Upload

**i** Please, upload your CV document using the following name structure: **Name\_Surname\_CV**

Files must be less than **3 MB**.

Allowed file types: **txt rtf pdf doc docx**.

**Cover Letter (optional) (if so, select the file and then click the Upload button)**

No se ha seleccion...o ningún archivo.

**i** Please, upload your CV document using the following name structure: **Name\_Surname\_CoverLetter**

Files must be less than **3 MB**.

Allowed file types: **txt rtf pdf doc docx zip**.

**Other Documents (optional) (if so, select the file and then click the Upload button)**

 No se ha seleccion...o ningún archivo.

**i** Please, upload your CV document using the following name structure: **Name\_Surname\_OtherDocument**

Files must be less than **10 MB**.

Allowed file types: **txt rtf pdf doc docx rar tar zip**.

**\*\* Consider that the information provided in relation to gender and nationality will be used solely for statistical purposes.**

Data policy: \*

I accept the [data policy](#) \*

Other: \*

I confirm that the information given in this form is true, complete and accurate.

Submit

## FIND US

### Barcelona Supercomputing Center

Plaça Eusebi Güell, 1-3

08034 Barcelona (Spain)

## CONTACT US

Tel. (+34) 93 413 77 16

Fax (+34) 93 413 77 21



mail: [info@bsc.es](mailto:info@bsc.es)

**VIEW MAP**

**CONNECT WITH US**



[Logout](#)

## SUBSCRIBE TO NEWSLETTER

I accept the data policy \*

[Unsubscribe](#)



## ACCESS TO PUBLIC TENDERS

BSC is a public consortium made up of:



Generalitat de Catalunya  
**Departament de Recerca  
i Universitats**



**UNIVERSITAT POLITÈCNICA  
DE CATALUNYA**  
BARCELONATECH



## Unión Europea

Fondo Europeo  
de Desarrollo Regional  
"Una manera de hacer Europa"



# Unió Europea Fons Social Europeu

L'FSE inverteix en el teu futur



## Barcelona Supercomputing Center, 2024

Transparency - Legal Notice