

**Convocatòria del lloc:** PSR in Computational linguist / project manager (TRAD-PSR-2023-7)

**Data de publicació de l'oferta:** 5 May 2023

**Font de finançament:** "A TRUSTworthy speech-based AI monitorING system for the prediction of relapse in psychosis patients", ref.: PREUR01223 - HEu-CL1-TRUSTING-101080251

**Funcions a desenvolupar:**

- Management and curation of project speech data;
- Organize the Barcelona work package of the TRUSTING project on a day-to-day level;
- Liaising with other project sites;
- Participate in NLP analyses and research and associated high-level publications.

**Requisits:**

- Skills/Qualifications:
  - Masters degree or equivalent in linguistics with a specialization in computational linguistics.
  - 1-4 years of research experience in a relevant field.
  - Excellent organizational and team-working skills.
  - Autonomy and ability to think out of the box.
  - Good written and oral scientific communication skills in English.
- Specific Requirements:
  - Familiarity with standard natural language processing toolboxes, at one or several of the levels prosody, syntax, and semantics.
  - Specific familiarity with language models such as *BERT* and *GPT2*.
  - Some programming experience, for example with R, Python, or MATLAB.
  - Knowledge of NLP within psychiatry will be a significant advantage.

**Retribució prevista:** salary commensurate with weekly dedication, it will oscile between 16.006,8€ and 29.725,32€ gross salary.

**Grup i compliment:** group 3 letter m

**Dedicació i jornada:** part-time. An exact hourly dedication between 17,5 and 32,5 hours per week can be negotiated with the PI.

**Tipus de contractació:** Indefinida segons previst RD 32/2021 de 28 de desembre de 2021

**Criteris de selecció:**

- CV 10 points
- Research expertise: 10 points
- Other relevant experience: 10 points
- Interview: 10 points

**Comissió de selecció:**

President/a: Wolfram Hinzen

Vocal 1: Marco Baroni

Vocal 2: Laia Mayol

**Presentació de candidatura:** Please send an email attaching (in a single pdf) a complete and detailed CV, including the names and contact details of at least two academic referees, and a letter of motivation, indicating the reference TRAD-PSR-2023-7 in the title to the PI, [wolfram.hinzen@upf.edu](mailto:wolfram.hinzen@upf.edu) and [professorat.dtcl@upf.edu](mailto:professorat.dtcl@upf.edu). For further information on the project or details about the position, please also contact [wolfram.hinzen@upf.edu](mailto:wolfram.hinzen@upf.edu).

**Termini de presentació de sol·licituds:** 1 June 2023; Start date: 1 July 2023 or as soon as possible thereafter.