

**IUSS**

Scuola Universitaria Superiore Pavia

## Expression of Interest

### MSCA Post-Doctoral Fellowships Program 2023

<b>Contact person(s)</b>	Cristiano Chesi
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<b>Department</b>	Department of Humanities and Life Sciences
<b>Research Center</b>	Linguistic and philosophy IUSS Center - L&PIC
	<a href="https://www.iusspavia.it/en/research/research-centres/linguistics-philosophy-iuss-center-lpic">https://www.iusspavia.it/en/research/research-centres/linguistics-philosophy-iuss-center-lpic</a>
<b>Lab</b>	NETS - IUSS lab for NEurolinguistics, Computational Linguistics, and Theoretical Syntax
	<a href="https://www.nets.iusspavia.it/">https://www.nets.iusspavia.it/</a>
<b>ERC main Field(s)</b>	Social Sciences and Humanities (SH)
<b>ERC Panels</b>	SH4 The Human Mind and Its Complexity
	PE6 Computer Science and Informatics <i>PE6_7 Artificial intelligence, intelligent systems, natural language processing</i>
<b>Research Topics</b>	Language Processing and its complexity: The ideal project should consider formal explicit models (e.g. Minimalist Grammars, e.g. arXiv:2109.13871v3, Tree-Adjoining-Grammars, e.g. doi.org/10.1162/089120102317341792 etc.) from the processing perspective, trying to bridge the gap between competence and performance (Chomsky 1965). Including into the research project a precise analysis/evaluation of very large language models (e.g. GPT) is highly encouraged.
<b>Research Group</b>	Cristiano Chesi (Associate Professor) Matilde Barbini (Research assistant) Emma Zanolì (Research assistant)



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<b>Documents for Application</b>	<p>a) A full CV</p> <p>b) A short summary of the prospected project (1 page + References)</p> <p>c) A cover letter, specifying:</p> <ul style="list-style-type: none"><li>- Name, Family Name, contact email and Nationality;</li><li>- Current affiliation (if any);</li><li>- Type of grant for application (European Fellowship / Global Fellowship);</li><li>- Date of PhD Award and Career breaks since then (if any);</li><li>- Country/ies of residence in the past 3 years;</li><li>- Country/ies of main activity in the past 3 years;</li><li>- Duration of the project in months (between 12 and 24).</li></ul>
<b>Deadline for application</b>	May 31, 2023