COMPEL Project

MSCA-PF proposal accepted at the EF-SOC panel (2023 call)

Pablo Ruiz Fabo

Singular Research Center on **Intelligent technologies**

Plan

- Team
  - PI + Supervisor + Host + Secondments
- Project
- First steps
- Write-up and submission
- Evaluation summary

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PI: Pablo Ruiz Fabo	
Area	Digital humanities, Natural Language Processing, Computational Literary Studies
Situation	- Maître de conférences (≈assistant professor) at Université de Strasbourg - Teaching (192 hours/year) - Research - Administration
MSCA-PF application goal	24 months of full-time dedication to research - Step towards applying for positions with a larger research component and larger projects

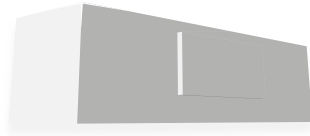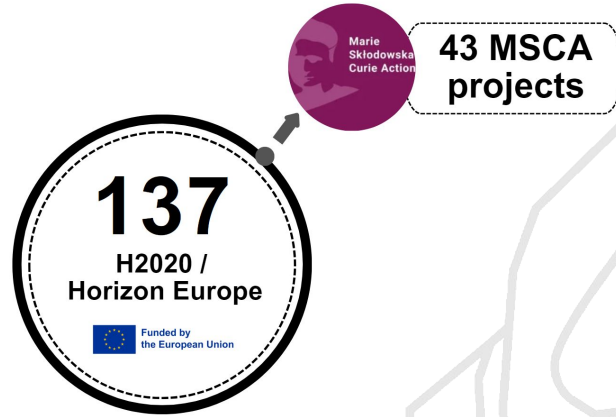| Supervisor: Paulo Gamallo	
Area	Natural Language Processing (NLP)
Situation	- Leading researcher in NLP - Major contributions to the European research space thanks to coordinating several types of European projects - Currently coordinating projects related to the MSCA proposal - Associate professor at USC and CiTIUS researcher

Host: CiTIUS

Centro Singular de Investigación
en **Tecnoloxías Intelixentes**

USC's Singular Research Centers Network

137
H2020 /
Horizon Europe

Funded by
the European Union

Marie
Skłodowska
Curie Action

43 MSCA projects

USC
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DE COMPOSTELA

CAMPUS VIDA
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CiTIUS
Centro Singular de Investigación
en Tecnoloxías Intelixentes

CiQUS
Centro Singular de
Investigación en Química
Biolóxica e Materiais
Moleculares

CiMUS
Centro Singular de
Investigación en Medicina
Molecular e Enfermidades
Crónicas

IGFAE
Instituto Galego de Física de Altas Enerxías

CiTIUS: Scientific program

DISPOSITIVOS Y COMPUTACIÓN VERDE E INTELIGENTE

Computación de altas prestaciones

Diseño electrónico de dispositivos inteligentes
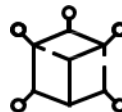
FUNDAMENTOS DE LA INTELIGENCIA ARTIFICIAL

Aprendizaje y razonamiento automáticos

Ciencia e ingeniería de datos y procesos

TECNOLOGÍAS INTELIGENTES

Realidad virtual y aumentada

Visión por computador

Tecnologías lingüísticas

Robótica

MARCO ÉTICO, LEGAL, SOCIAL, ECONÓMICO Y CULTURAL (ELSEC)

IA fiable

WHEREVER YOU COME FROM, GROW IN AI

9

**¿Tienes interés en incorporarte al equipo del CiTIUS?
¡Te esperamos!**

Convocatoria Postdoctoral MSCA-PF
Ponte en contacto con nosotros y te ayudaremos a preparar una propuesta de éxito!

✔ Hasta **30.000€** de financiación adicional para los proyectos concedidos

✔ Programa de formación propio

✔ Posibilidad de una estancia en el CiTIUS para la preparación

Más información:
**s.citius.gal/mariecurie
citius.kmt@usc.es**

HR EXCELLENCE IN RESEARCH

Secondments	
1. Uni Ritter (Porto Alegre, Brasil) Prof. Raquel Bello	Directed by an expert in two main project topics: ● Comparing Galician and Portuguese literature ● Women authors and gender ● **International** experience
2. Editorial Galaxia (Vigo) Xesús Domínguez	● One of the main publishing houses for Galician literature ● We will apply methods developed in the project to its catalogue ● **Intersectoral** experience

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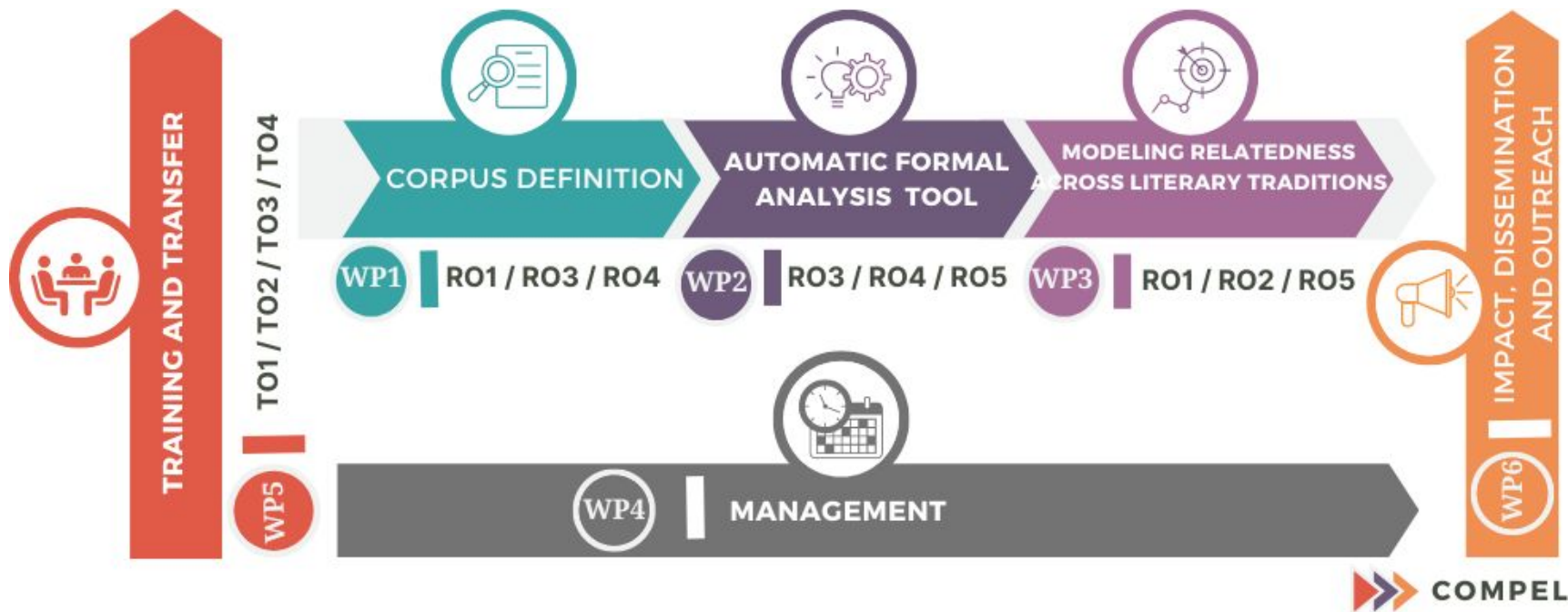- First steps
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Project

- **Starting point:** Observe a lack of resources for the computational analysis of literatures in minority languages
- **Tasks:** Comparing poetry and narrative in Galician, from two 19th century movements
  - with Portuguese and Spanish poetry and narrative
  - formal and content features
- **Implications:**
  - Comparing peripheral and central literatures
  - Describing canonical features in emerging literatures
  - Resource development for minority languages and literatures
    - Variety, **inclusiveness and digital equality**
    - **Empirical variety** in Computational Literary Studies

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First steps

- First meeting with Knowledge Management and Transfer (KMT) department at CiTIUS and with the supervisor, in April
- Writing up a preliminary version of the proposal
  - Next time, I would follow the MSCA template from the outset
  - Or just write an extended abstract with the core elements
- Visit at CiTIUS, in June
  - Thanks to CiTIUS' short research stay program
  - Meetings to exchange ideas about the proposal

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Write-up and submission: Main steps

- Two or three **versions** , gradually improved based on feedback by host team and supervisor
- Added **secondment** details as these were confirmed
  - Don't wait until the end to organize the secondments
  - It affects the write-up whether they get confirmed or not
- **Submission:** Make sure to submit a (nearly) final proposal several days before the deadline
  - The platform may get overloaded and malfunction on the last day or two before the deadline

Write-up : July to early September 2023

- Followed the guidelines closely to **make sure that content respects the criteria maximally**
- **Integrate all feedback** provided by the host team
- Cite **reference texts** in all areas of the proposal
    - Open science
    - Diversity
    - Artificial intelligence
    - Ethics
- Iteratively **improved versions** taking into account feedback by CiTIUS KMT, the supervisor, and towards the end by an external consultant who collaborates with KMT
- It can be useful to get feedback for individual sections as you complete them (without waiting until the end)

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EC Gender Equality Strategy
Horizon Europe Programme Guide
Ethics guidelines for trustworthy AI

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Evaluation summary

- 2023 call
- Three areas evaluated   Weighting
  - Excellence   50%
  - Impact   30%
  - Implementation   20%

Evaluation summary

- 2023 call
- Three areas evaluated

	Weighting	Score obtained
Excellence	**50%**	5 / 5
I**mpact**	**30%**	4.8 / 5
Implementation	**20%**	4.6 / 5
		Total: 97.2 / 100

Negative evaluation points

- **Impact**
  - Given the researchers' current position and training [...] the impact on the researcher's career perspectives and employability is expected to be moderate.
- **Implementation**
  - For some tasks, the verification measures are not fully convincing.

Positive evaluation points

Interdisciplinary   Intersectoral   International

Two-way knowledge transfer between PI and host

Open science   Gender and diversity

Supervision   Sustainable Development Goals (UN SDG)

Agreement with priorities in Horizon Europe clusters

Non strictly academic aspects: Outreach activities

Impact magnitude quantification

Potential benefits for different target publics

Risk management

Host and secondment choices

Thank you!

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