

This poster and the paper:



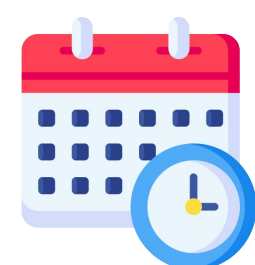
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Problems

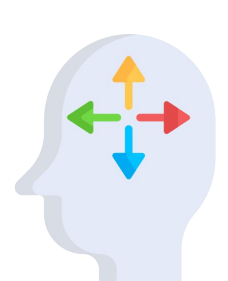
Unknown influence of the temporal context on the impact of political messages.



Model limitations for emulating and predicting discussion dynamics in social networks.



Lack of methods to identify periods of high social or political sensitivity.



Research Questions

RQ1: How does the **virality** of a political message **vary** according to the temporal context in which it is published?

RQ2: How can LLMs **emulate and predict the** dynamics of the social media **debate** provoked by a political message?

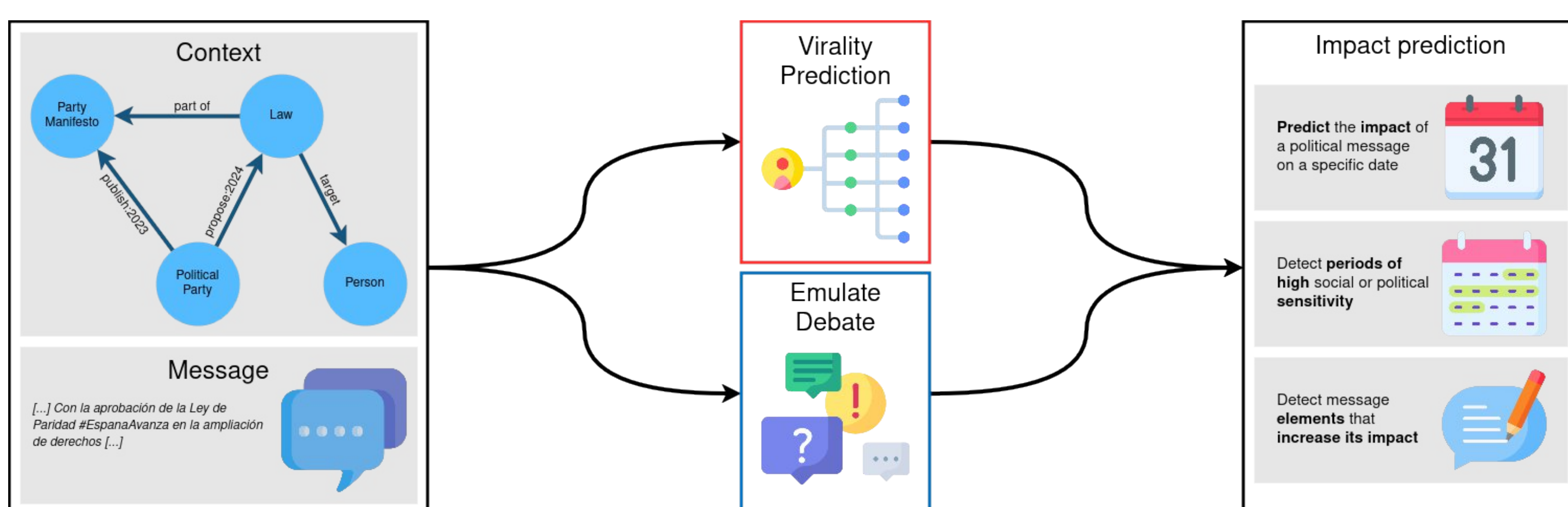
RQ3: How can the social **impact** of political message be **measured** at different points in time?

RQ4: What are the **periods** of high social or political sensitivity during which the publication of a political message has the **greatest impact**?

Goals

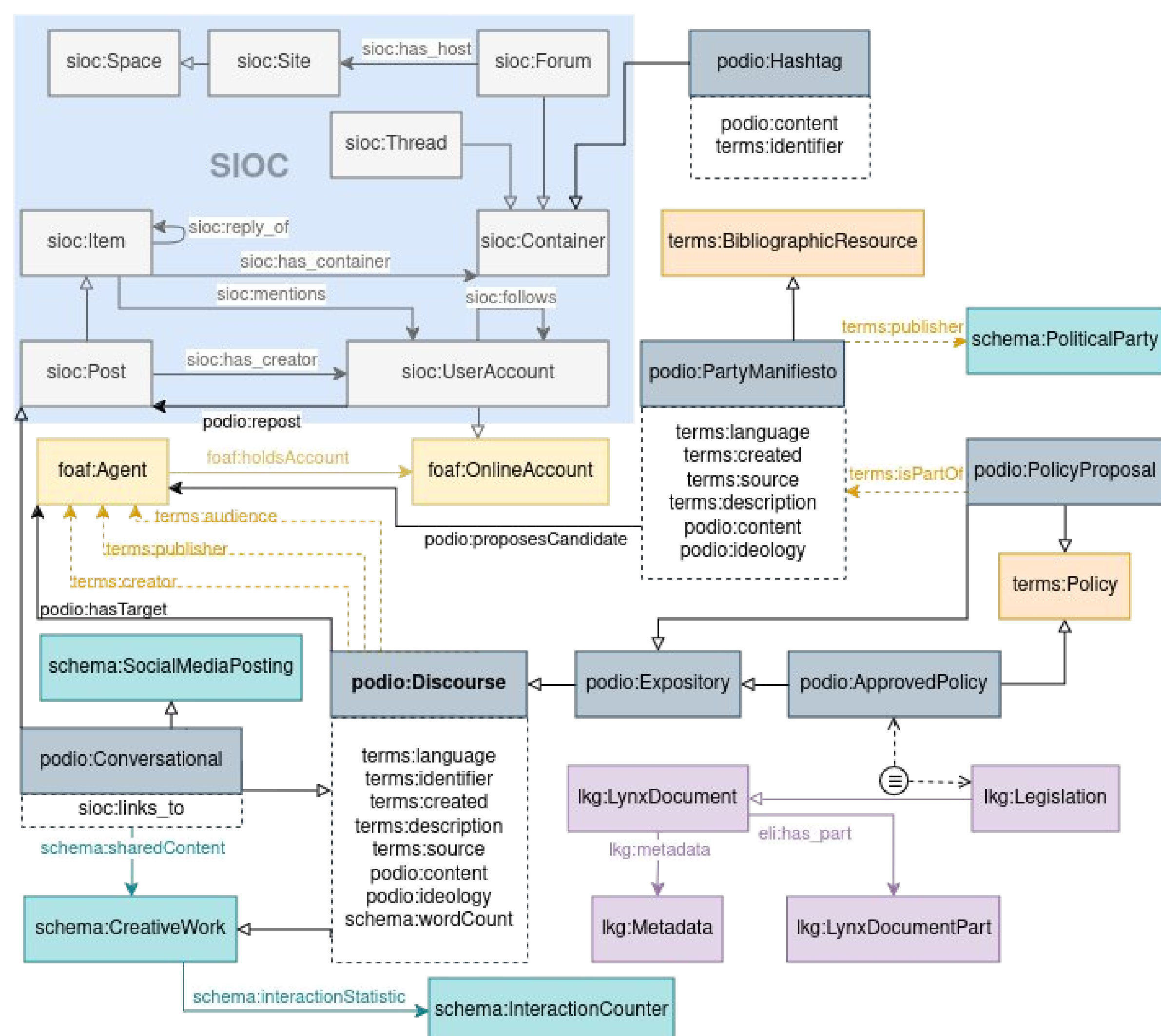
1. Develop tools to **predict the virality** of a political message **based on the moment** of its publication and the **elements** that increase its impact.
2. Improve the **performance** of Spanish language models to **emulate the behavior of different communities**.
3. Develop **methods to measure the social impact** of political messages at different times and **detect periods of higher sensitivity**.

Methodology



Ongoing Work

- **Corpus of disinformative political messages in Spanish spread on Telegram.**
- **Representation of the political context.** PODIO: A POLitical Discourse Ontology (Pending to be published). <https://w3id.org/podio>



Future Work

1. **Predict virality.**
 - Explore different approaches to achieve good performance.
2. LLM-s for **emulation of the debate around a political message.**
 - Explore the performance of the different models for Spanish.
 - Enrich the model with the needed information to emulate the behaviour of each community.
3. **Predict impact on a specific date.**
4. **Detect elements that increase a message impact.**
5. **Identify periods of highest sensitivity.**

Acknowledgements

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