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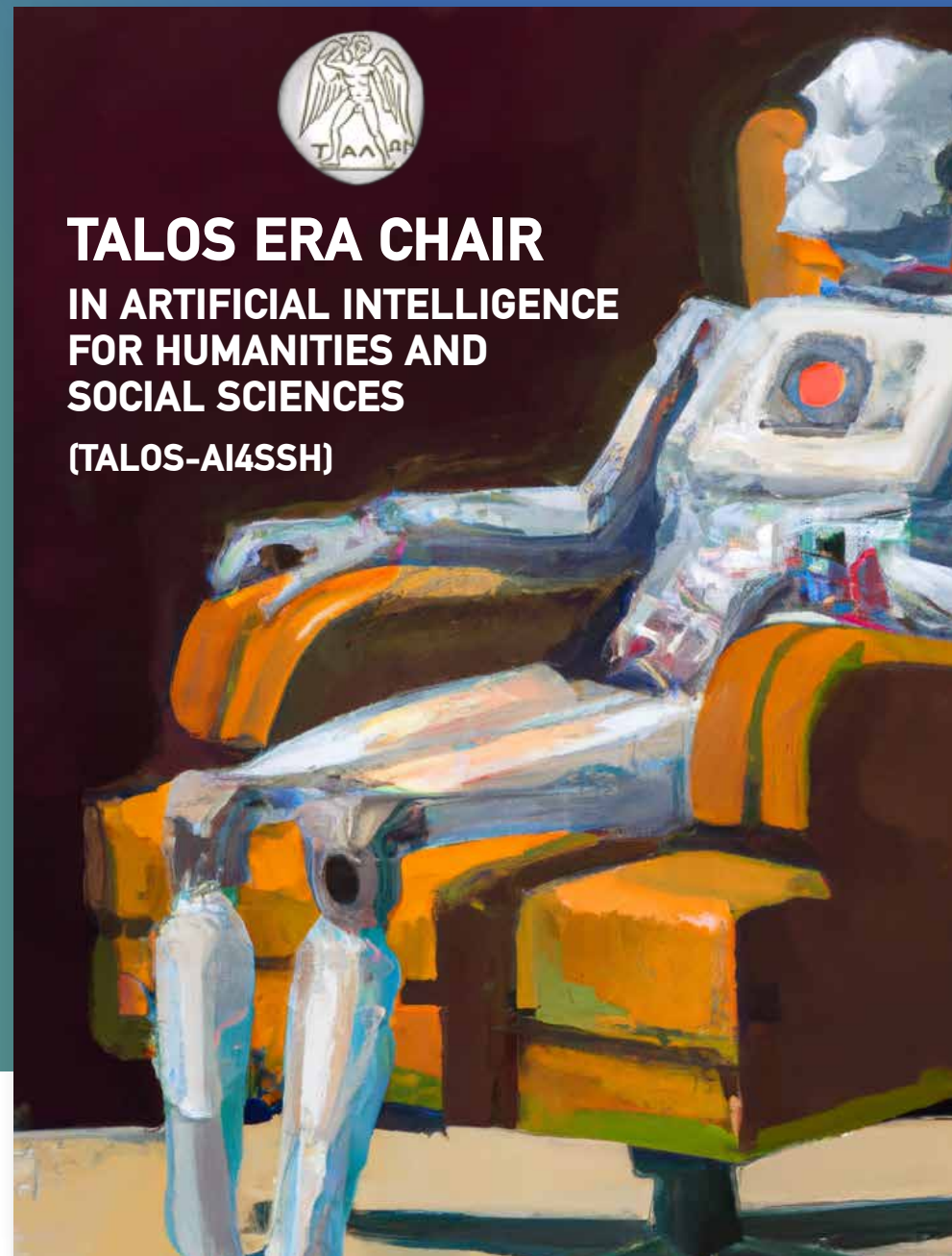
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**TALOS Site:** [www.talos-ai4ssh.uoc.gr](http://www.talos-ai4ssh.uoc.gr)

### TALOS-AI4SSH in Social Media:

-  TALOS-Artificial Intelligence for Humanities and Social Sciences
-  TALOS-Artificial Intelligence (TALOS-AI4SSH)
-  TALOS-Artificial Intelligence, @talosai\_uoc
-  talosai.uoc

Design: Anna Arkoulaki - E-media, University of Crete



# TALOS ERA CHAIR IN ARTIFICIAL INTELLIGENCE FOR HUMANITIES AND SOCIAL SCIENCES (TALOS-AI4SSH)



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ  
UNIVERSITY OF CRETE



Funded by  
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University of Crete Research Center  
**UCRC**  
for the Humanities, the Social & Education Sciences

# TALOS ERA CHAIR IN ARTIFICIAL INTELLIGENCE FOR HUMANITIES AND SOCIAL SCIENCES (TALOS-AI4SSH)

*"ERA Chairs support universities or research organisations [...] to attract and maintain high-quality human resources under the direction of an outstanding researcher and research manager (the 'ERA Chair holder'), and to implement structural changes to achieve excellence on a sustainable basis."*

Horizon Europe 2021-2022

Established in 1978, the University of Crete (UoC), ranked among the top Greek universities, is a young public educational institution sited in a region rich in ancient and modern Mediterranean cultures. Currently around 20,000 undergraduate and graduate students study at the UoC, at the Schools of Philosophy, Education, Social Sciences, Sciences & Technology, and Medicine, taught by an outward-looking academic staff committed to quality in teaching, research, and community partnerships.

## TALOS' mission

addresses the dual need for an AI that is reflective about the nature of intelligence and humanity and for SSH that is transformative and embrace the methodological advances of AI to generate innovation and impact.

## TALOS

will combine the strengths of neural networks with symbolic reasoning to create a scalable, sustainable and explainable representation of knowledge in the Humanities and the Social Sciences.



## Research Topics

1. Semantic annotation of texts
2. Classifying and naming objects
3. Pattern recognition in literary/journalistic corpora
4. Digitization and datafication of education
5. Hybrid AI-NLP Software for SSH
6. Standards for SSH



## Aims and objectives

- Address important research questions in hybrid (neurosymbolic) AI that drive innovation for SSH
- Attract and maintain an excellent team of researchers
- Introduce new courses at all levels (BA, MA, PhD)
- Create new open datasets and open-source tools for the Digital Humanities
- Disseminate new knowledge via conferences, workshops, articles, doctoral dissertations
- Focus on the popularisation of new knowledge through global outreach initiatives
- Enhance the international visibility of the UoC, grow networks, increase UoC success in international funding schemes, and lead to brain gain
- Foster institutional reforms through research and teaching in the multi-disciplinary area of AI for SSH

**Keep in touch with TALOS:**  
<https://talos-ai4ssh.uoc.gr/contact>