Graphs and Ontologies for Literary Evolution Models

Fact Sheet

Project Information

GOLEM
Grant agreement ID: 101040938

DOI
10.3030/101040938

Funded under
European Research Council (ERC)

Total cost
€ 1 194 088,75

EU contribution
€ 1 194 088,75

RIJKSUNIVERSITEIT
GRONINGEN
Netherlands

Project description

A scientific study of literary evolution integrating AI, statistical modelling and Big Data

Big Data and digitalisation offer opportunities for tremendous insight in fields far beyond science and technology. Literature is now consumed on electronic devices. Readers’ thoughts about what they have read appear on digital platforms including review sites and social media. The ERC-funded GOLEM project will take advantage of the unprecedented data including the stories read and their effects on the readers as gleaned from digital and social media comments. Harnessing machine learning and statistical modelling tools and comparing the relations between stories in five
different languages, the team will create accurate models that shed light on how fiction adapts to societal circumstances and cultures.

**Fields of science**

- humanities > languages and literature > literature studies > literary theory
- humanities > other humanities > library sciences > digital humanities

**Keywords**

- computational literary studies
- reader response
- cultural evolution

**Programme(s)**

- HORIZON.1.1 - European Research Council (ERC) [MAIN PROGRAMME]

**Topic(s)**

- ERC-2021-STG - ERC STARTING GRANTS

**Call for proposal**

- ERC-2021-STG

**See other projects for this call**

**Funding Scheme**

- ERC - Support for frontier research (ERC)

**Coordinator**

- RIJKSUNIVERSITEIT GRONINGEN
  
  Net EU contribution
  
  € 1 194 088 75
Address
Broerstraat 5
9712CP Groningen
Netherlands

Region
Noord-Nederland > Groningen > Overig Groningen

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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