The Patterns of Conflict Emergence: Developing an Automated Pattern Recognition System for Conflict

Fact Sheet

Project Information

PaCE

Grant agreement ID: 101002240

Funded under
EXCELLENT SCIENCE - European Research Council (ERC)

DOI
10.3030/101002240

Total cost
€ 1 952 848,00

EU contribution
€ 1 952 848,00

Start date
1 January 2022

End date
31 December 2026

Coordinated by
THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN

Ireland

Project description

Do past events return as events of the present?

History, it has been widely said, has a tendency to repeat itself. What about in the case of war? The EU-funded PaCE project will study recurring patterns in the
escalation and emergence of wars. It will combine new methods (using the shape of the sequence of events rather than its raw values) and data on conflict to extract typical pre-war motifs. The project will identify patterns from the onset of World War I to Hamas’ rocket launches. It will study the perceptions using data from financial markets, news articles and diplomatic documents. PaCE will also assess possible fundamental limits to the predictability of conflict events.

**Fields of science**

- humanities > history and archaeology > history
- natural sciences > biological sciences > genetics > DNA
- natural sciences > computer and information sciences > artificial intelligence > pattern recognition

**Programme(s)**

- H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC) - MAIN PROGRAMME

**Topic(s)**

- ERC-2020-COG - ERC CONSOLIDATOR GRANTS

**Call for proposal**

- ERC-2020-COG

See other projects for this call

**Funding Scheme**

- ERC-COG - Consolidator Grant

**Coordinator**

THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
Net EU contribution
€ 1 952 848,00

Address
College green trinity college
D02 CX56 Dublin 2
Ireland

Region
Ireland > Eastern and Midland > Dublin

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

Beneficiaries (1)

THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
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EC signature date: 5 March 2021
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European Union, 2023