

CLEOPATRA 2021

2nd International Workshop on Cross-lingual Event-centric Open Analytics

Preface

This volume of proceedings gathers papers from the 2nd International Workshop on Cross-lingual Event-centric Open Analytics (CLEOPATRA 2021), co-located with The Web Conference (WWW 2021) held on the 12th of April, 2021.

Modern society faces an unprecedented number of events that impact countries, communities and economies around the globe, across language, country and community borders. Recent examples include sudden or unexpected events such as terrorist attacks and political shake-ups such as Brexit, events related to the ongoing COVID-19 pandemic, as well as longer ongoing and evolving topics such as the migration crisis in Europe that regularly spawn events of global importance affecting local communities. These developments result in a vast amount of event-centric, multilingual information available from heterogeneous sources on the Web, in the Web of Data, within Knowledge Graphs, in social media, inside Web archives and in news sources. Such event-centric information differs across sources, languages and communities, potentially reflecting community-specific aspects, opinions, sentiments and bias.

The theme of the workshop includes a variety of interdisciplinary challenges related to analysis, interaction with and interpretation of vast amounts of event-centric textual, semantic and visual information in multiple languages originating from different communities. The goal of the interdisciplinary CLEOPATRA workshop is to bring together researchers and practitioners from the fields of Semantic Web, the Web, NLP, IR, Human Computation, Visual Analytics and Digital Humanities to discuss and evaluate methods and solutions for effective and efficient analytics of event-centric multilingual information spread across heterogeneous sources. This will support the delivery of analytical results in ways that are meaningful to users, helping them to cross language barriers and better understand event representations, and their context, in other languages.

This year we have accepted five long and two short papers. The contributions of the papers accepted at CLEOPATRA 2021 include approaches about cross-lingual models for document similarity, sentiment analysis, named entity recognition, multimodal claim detection in social media, creation of an open event knowledge graph, and detection of barriers in news spreading.

We would like to take this opportunity to sincerely thank the authors for their invaluable and inspiring contributions to the workshops. Our sincere thanks are due to the program committee members for reviewing the submissions and ensuring the high quality of our workshop program.

We are also very grateful to the organisers of The Web Conference 2021 conference, and in particular to the Workshops and Tutorials Chairs, Julian McAuley and Karthik Subbian, for their support with the workshop organisation. We also thank Roberto Navigli for his keynote talk in the workshop.

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