

# CLEOPATRA 2020

## 1st International Workshop on Cross-lingual Event-centric Open Analytics

### Preface

This volume of proceedings gathers papers from the 1st International Workshop on Cross-lingual Event-centric Open Analytics (CLEOPATRA 2020), co-located with the Extended Semantic Web Conference (ESWC 2020) held on the 3rd of June 2020.

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, 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 5 full papers and 1 short paper. The contributions of the papers accepted at Cleopatra 2020 include approaches to named entity recognition and tagging, multimodal classification and analysis for text and images, creation of datasets for evaluation of language-specific event relevance, and applications of event analytics in specific domains.

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 ESWC 2020 conference, and in particular to the Workshops and Tutorials Chairs, Olaf Hartig and Katja Hose, for their support with the workshop organisation.

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