TDDL 2017 – 1st International Workshop on Temporal Dynamics in Digital Libraries

Annalina Caputo¹, Nattiya Kanhabua²(□), Pierpaolo Basile³, and Séamus Lawless⁴

¹ ADAPT Centre, School of Computer Science and Statistics, Trinity College, Dublin, Ireland caputoa@tcd.ie

² Database, Programming and Web Technologies (DPW) Group, Department of Computer Science, Aalborg University, Aalborg, Denmark nattiya@cs.aau.dk

> ³ SWAP Group, Department of Computer Science, University of Bari Aldo Moro, Bari, Italy pierpaolo.basile@uniba.it

⁴ Knowledge and Data Engineering Group, School of Computer Science and Statistics, Trinity College, Dublin, Ireland seamus.lawless@scss.tcd.ie

Introduction

In Digital Libraries, which can often span several epochs, time is a critical factor. It is the means by which understanding, searching, and exploring these collections of data. Temporal dynamics, i.e. time-based patterns and trends, underpin language usage, entity references, and cultural and economic trends. Users accessing the information contained in Digital Libraries have to deal with their partial knowledge of these phenomena (word meaning variation, entity temporal ambiguity, specific events and time-related trends), as well as their own temporal evolution, i.e. their change in interests, preferences, and goals over time. Intercepting, representing, and predicting these dynamics is fundamental to the intelligent information access in Digital Libraries.

This workshop proposed to bring together researchers and practitioners from different backgrounds in order to identify and discuss research trends, challenges, and new opportunities related to the time-aware intelligent access to Digital Libraries.

Topics of Interest

We invited papers that pertain to the workshop theme including, but not limited, to:

- Diachronic analysis of language
- Time-aware Information Retrieval for Digital Libraries
- Time-aware Recommender Systems for Digital Libraries
- Timeline Summarization

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- Time-aware User Modeling for Digital Libraries
- Event detection
- Time-aware entity disambiguation
- Topic detection and tracking
- Temporal clustering
- Timeline interfaces
- Temporal queries
- Historical studies and computational history
- Topic and entity evolution
- Opinion changes over time
- Web archive-related topics

3 Website

More information can be found at http://tddl2017.github.io/