TempWeb 2018 Chairs' Welcome

Time is a key dimension to understand the Web. It is fair to say that it has not received yet all the attention it deserves and TempWeb is an attempt to help remedy this situation by putting time as the center of its reflection. Studying time in this context actually covers a large spectrum, from the extraction of temporal information and knowledge, to diachronic studies for the design of infrastructural and experimental settings enabling a proper observation of this dimension.

TempWeb focuses on investigating infrastructures, scalable methods, and innovative software for aggregating, querying, and analyzing heterogeneous data at Internet scale. Particular emphasis will be given to temporal Web data analysis that has been collected over extended time periods. A major challenge in this regard is the sheer size of the data it exposes and the ability to make sense of it in a useful and meaningful manner for its users. It is worth noting that this trend of using big data to make inferences is not specific to Web content analytics. Web scale data analytics therefore needs to develop infrastructures and extended analytical tools to make sense of these.

For its eight edition, TempWeb accepted seven very positively reviewed submissions for oral presentation. We interpret the high quality of the submissions and the frequent contributors to TempWeb, as indicators of an evolving community. It shows a clear sign of a positive dynamic in the study of time in the scope of the Web and evidence of the relevance of this effort. The workshop proceedings are published by ACM DL as part of the WWW 2018 Companion Publication.

We hope you will find in these papers as well as the keynote of Pierre Senellart (École Normale Supérieure Paris, France) on "Timely crawling of the structured Web", and the discussion and exchanges of this edition of TempWeb, some motivations to look more into this important aspect of the temporal Web.

TempWeb 2018 was jointly organized by University of Caen Normandy (Caen, France), NTENT (Carlsbad, CA, USA) and Internet Memory Foundation (Paris, France).

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