#science

Body:

Twitter is a communication platform, a social network, and a system for resource sharing. For scientists, it offers an opportunity to connect with other researchers, announce calls for papers and the like, communicate and discuss – basically: stay up-to-date. However, the exponential growth of information in society does not exclude social media like Twitter: an abundant number of users court on one’s attention which leads to the question of how (young) researchers can focus on the essential users and tweets? Motivation The classical approach in science to filter information is peer review: only information that is considered to be novel, sound, and significant by experts in the respective field is published. Currently, such a process is at most implemented manually: researchers can subscribe individually to other researcher’s feeds by following them. However, there is no ‘directory’ of scientists on Twitter and finding feeds of experts in a specific discipline or area of interest is cumbersome. Challenges & Highlights The #science project will fill this gap by providing an automatically curated directory of scientists as well as recommendations for scientifically relevant content on Twitter. This will simplify expert finding and the provision of topic-relevant feeds authored by peers. The brevity of tweets and the compilation of appropriate ground-truth data are two crucial challenges that will be tackled within the project. Potential applications & future issues Within the #science project methods for classifying users, identifying and extracting scientific content, and ranking scientists and scientific tweets on Twitter will be developed. For the general public user, the project will provide a web application that aims to help users gain insights about scientifically relevant users and content on Twitter. Finally, within L3S the project plays a crucial role by providing re-usable datasets as well as by working in synergy with other internal projects towards the realization of the L3S Web Observatory.

Project abstract:

How do scientists use Twitter and how does science profit from Twitter? These and other research questions will be tackled within the #science project. In particular, approaches to identify scientists and scientific content will be developed.

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Project manager:
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Science 2.0

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Internal Project

Research Area:
Intelligent Access to Information

Status of the Project:
Bibsonomy show project publications:
0
Bibsonomy use tabs to list publications:
0