

Opinion Mining and Viewpoint Discovery

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Abstract

This talk is about opinion mining, it will first give a brief overview of opinion mining approaches and then it will focus on viewpoint discovery. The challenge is how to automatically discover from opinionated texts, viewpoints and the topics (themes) that are discussed in these viewpoints. After a brief overview of this research topic, we will describe deeply our proposal, an unsupervised Topic Model designed to jointly discover these three features, namely viewpoints, topics, and opinions. The model has been first designed to discover these features from text; it has been then extended to consider social data composed of both content and social interactions to handle this task. Some new investigations in this topic will be also discussed.

Schedule

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| 10H - 12H | : | Talk and discussion |
| 13H00-15H00 | : | Internal Lab meeting |

Biography

Mohammed Boughanem is a Professor at the University of Toulouse III. He received his PhD from university of Toulouse in 1992. He was responsible of the Indexing and Information retrieval theme at IRIT. His current research focuses on IR (Information Retrieval) models, Contextual/personalized/Social based IR, aggregated search, Opinion mining. He has been involved in a number of projects and working groups on IR, and he has regularly participated in major IR evaluation forums (TREC, CLEF, INEX). He has served as a program committee member or chairman of the major IR conferences. He has been invited as a reviewer by several related-IR journals (IR journal, IP&M, JASIST, ACM-Tran. On the Web, ACM TOIS)). He founded ARIA (the French Association of Information Retrieval) and CORIA (the annual French conference in information retrieval), both were founded in 2004. He chaired ARIA during 2004-2007. He is coordinator of the French-Brazilian working group on web science. He published more than 100 papers in international conferences and journals and he advised more than 25 Phd thesis.

