

Department of Computer Science and Engineering

40th Anniversary Celebration
Alumni Speaker Series

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Google, Inc.



Rank Aggregation

Abstract: Rank aggregation is the problem of producing a consensus ranking of a number of candidates, given rankings of the candidates by several individual voters. The talk will begin with a brief summary of the rich history of the problem, then offer a computer science perspective on what constitutes a good aggregation.

The first technical component of the talk will focus on establishing that several aggregation methods, including some that have been traditionally controversial among social choice theorists, are all good from our viewpoint, while other aggregation methods commonly employed in political systems are not.

The second technical component will sketch how rank aggregation serves as a unifying paradigm in several search-related applications, including meta-search; word association search; the architecture of a customizable enterprise search tool; and similarity search and classification.

Tuesday October 24, 2006

3:30 - 4:30 PM

Student Union Theater
University at Buffalo – North Campus

This talk is free and open to the public. Refreshments for attendees after the talk in 229 Bell Hall
For more information, please email cse-dept@cse.buffalo.edu or contact (716) 645-3180 x 300