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Web Resource Monitoring and Data Delivery Under a Politeness Constraint

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SPEAKER

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ABSTRACT:

The talk will focus on efficient scheduling algorithms for monitoring an information source. In a given time period of length T , we enforce a server-side politeness constraint that we may only probe the source at most n times. This constraint, along with an optional constraint that no two probes may be spaced less than δ time units apart, is intended to prevent the monitor from being classified as a nuisance to be "locked out" of the information source.

This is a joint work with Jonathan Eckstein and Sarit Reiner and is based on a paper that was recently accepted for publications at the INFORMS Journal of Computing

BIO:

Avigdor Gal is a faculty member at the Faculty of Industrial Engineering & Management at the Technion. He received his D.Sc. degree from the Technion - Israel Institute of Technology in 1995 in the area of temporal active databases. During his studies, Avigdor has received the Miriam and Aaron Gutwirth Scholarship three years in a row (1993-1995). He has published more than 50 papers in journals (e.g. Journal of the ACM (JACM), ACM Transactions on Database Systems (TODS), IEEE Transactions on Knowledge and Data Engineering (TKDE), and the VLDB Journal), books (Temporal Databases: Research and Practice) and conferences on the topics of data integration, temporal databases, information systems architectures, and active databases.

Avigdor is a steering committee member of IFCIS, a member of IFIP WG 2.6, and a recipient of the IBM Faculty Award for 2002-2004. He is a member of the ACM and the IEEE computer society.