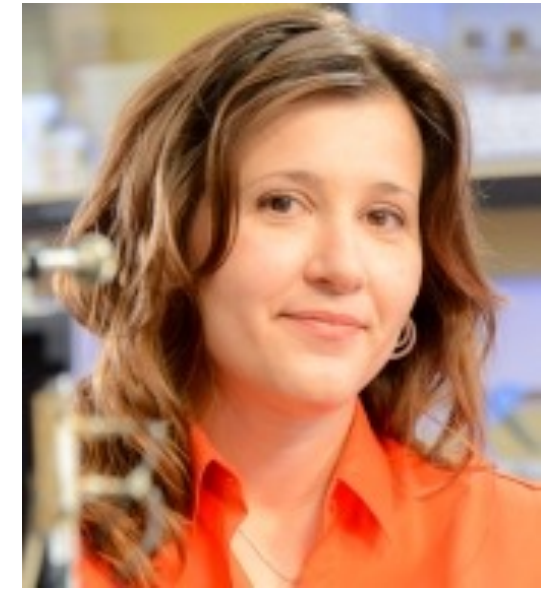


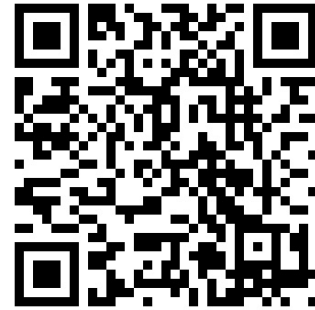
Georgia Koutrika

Research Director, Athena Research Center



The Rise of Intelligent Data Assistants

Thursday, April 8, 2021
9:30am – 10:45am Pacific time



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Abstract

For many, data is considered the 21st century's most valuable commodity growing at an exponential rate – but is it for everyone? Analysts exploring data sets for insight, scientists looking for patterns, and consumers looking for information are just a few examples of user groups that need to access and dig into data. However, existing data exploration tools are falling behind in bridging the chasm between data and users, making data exploration intended only for the few. In this talk, we will discuss about what it takes to bridge this chasm and the new generation of intelligent data exploration tools that are emerging at the intersection of data management, natural language processing, machine learning and visualization. The talk will end with a summary of open questions on intelligent data assistants.

Biography

Georgia Koutrika is a Research Director at Athena Research Center in Greece. She has more than 15 years of experience in multiple roles at HP Labs, IBM Almaden, and Stanford. She has received a PhD and a diploma in Computer Science from the Department of Informatics and Telecommunications, University of Athens, Greece. Her work focuses on data exploration, recommendations, and data analytics, and has been incorporated in commercial products, described in 14 granted patents and 26 patent applications in the US and worldwide, and published in more than 90 papers in top-tier conferences and journals. Georgia is an ACM Senior Member, IEEE Senior Member, and ACM Distinguished Speaker. She is the editor of ACM SIGMOD Blog. Furthermore, her academic activities include: Editor-in-chief for VLDB Journal, PC co-chair for VLDB 2023, associate editor for TKDE, SIGMOD2021 and VLDB2022, ICDE2021 sponsorship chair.