

## **Keynote 1**

### ***Decision Support Queries: A solved problem?***

#### **Surajit Chaudhuri**

(Head, Data Management Research,  
Microsoft Research, Redmond WA, USA)



**Abstract:** Businesses rely on complex queries to enable data analysis. Yet, our understanding of how to handle complex queries is at best half-developed. Admittedly, this is a problem that is hardly new. Therefore, it is not surprising that the research world has moved on to newer problems. Yet, I argue that understanding the central technical problems and addressing them are foundational - as relevant for cloud data services for BI as they are for traditional BI software. In my talk, I will focus on a few of these challenges - resource governance and monitoring, physical design, and query optimization.

**Biography:** Surajit Chaudhuri is a Principal Researcher and a Research Area Manager at Microsoft Research, Redmond. Surajit has a PhD from Stanford University and is an ACM Fellow. He was awarded the ACM SIGMOD Contributions Award in 2004 and a 10 year VLDB Best paper Award in 2007.