SMDB 2010 Panel: Databases, MapReduce, and the Cloud--Oh My! What’s in it for the Administrator?

Panelists:
Ashraf Aboulnaga (Univ. of Waterloo)
Namit Jain (Facebook)
Benjamin Reed (Yahoo!)
Guy Lohman (IBM)
Oliver Ratzesberger (eBay)
Jingren Zhou (Microsoft)
Example Questions of Interest

• How easy are these systems to manage (e.g., is administering Hadoop easier than administering a DB)?
  – Will we need a Self-Managing MapReduce workshop 😊

• Define new role of admins. We know what DBAs do, but what does administering a MapReduce system or DB on the cloud involve?

• Does cloud computing skew the “administration equation” in favor of either of these systems?

• What lessons should MapReduce systems learn regarding administration from history of DBs? (other way around?)

• Will roles of the data analyst, app programmer, & system administrator increasingly overlap (in the future)?