

Panel on Big Data: Scientific and Societal Challenges

Patrick Valduriez¹ (moderator)

Serge Abiteboul¹, Deb Agarwal², Hugh Aldridge³, Stéphane Lantéri¹

¹*INRIA*

²*Lawrence Berkeley Lab.*

³*CITRIS, UCSB*

Big data (i.e. data sets that grow so *large* that they become awkward to deal with) are creating major problems in terms of data capture, storage, search, sharing, analytics and visualizing. But size is only one dimension of the problems. Other dimensions include velocity, complexity and heterogeneity. The goal of the panel is to present our view and current work on big data, addressing both scientific and societal challenges.