Migration of mobile cloud applications, graph processing, real-time event detection

• Control applications across clouds
  – adapt dynamically to user mobility
  – minimize latency, provide resiliency and independence
  – scalable information sharing

• Big data dynamic graph processing
  – parallel processing
  – support for dynamic graphs
  – performance optimization

• Real-time monitoring and event detection
  – mining social media streams
  – detect trends and events from real-world information
  – optimize computation to stream changes

http://www.eecs.qmul.ac.uk/~fcuadrado