Exploiting Context awareness and annotation process to support multimedia information retrieval

Hanene Maghrebi & Amos David
Information overload and increase in multimedia information (images, sound, texte, vidéo,..)

There are lots of challenges as to how to retrieve relevant information among the large volume of multimedia information with respect to a given information problem.
Increasing growth of multimedia content: Web, TV…
Multimedia information: rich and complex information
Characteristics of multimedia information components and the relationship between these components

- These components are in their turn made up of sub elements
- Multimedia information draws its richness from the constituents of these three components (image, sound and text)
Challenge of multimedia information

Image in multimedia information supports several interpretations:
- An image can be understood and commented upon differently
- The meaning of an image is specific to the user