

Perspectives on Multimedia Analytics

Introduction

Multimedia analytics is a new and exciting research area that combines multimedia analysis and visual analytics, with a focus on creating systems for analysing large-scale multimedia collections. Size and complexity of multimedia collections is ever increasing, as is the desire harvest useful information from these collections, with desired impacts ranging from the advancement of science to increased company profits. We therefore consider multimedia analytics to be one of the core research challenges of the multimedia research community. Indeed, research papers have been published recently in MMM and other multimedia conferences (e.g., ACM Multimedia, ACM ICMR, Multimedia Systems, ICME) that focus on various aspects of multimedia analytics. However, we feel that the community is lacking an interactive venue for discussion, where definitions and directions can be proposed and debated, and we will provide such a venue in this special session. Topics include, but are not limited to:

- Definition of multimedia data analytics.
- Direction of multimedia data analytics.
- Critique of multimedia data analytics.
- Applications of multimedia data analytics, including novel applications.
- Techniques for multimedia data analytics.
- Systems, services and implementations for multimedia data analytics.