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IEEE Transactions on Multimedia, Special Issue on
Socio-Video Semantics

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All of a sudden video became social. In just five years, individual and mostly inactive consumers transformed into active and connected prosumers, revolutionaries even, who create, share, and comment on massive amounts of video artifacts all over the world wide web 2.0. In order to make sense of the massive amounts of video content, online social platforms rely on what other people say is in the image, which is known to be ambiguous, overly personalized, and limited. Hence, the lack of semantics currently associated with online video is seriously hampering retrieval, repurposing, and usage. In contrast, academic video sensemaking approaches rely on an analysis of the multimedia content which is important if only to verify what people have said is factually in the video, or for (professional) archives which cannot be shared for crowdsourcing. For sensemaking, exploiting the social multimedia context of video has largely been ignored in the multimedia community. This special issue provides a unique opportunity for high-quality multidisciplinary papers connecting the social context of online video to video sensemaking. Researchers from industry are particularly encouraged to submit their work. The issue on socio-video semantics should set the scene for a big leap over the semantic gap. Topics of interest include (but are not limited to):

- **Socio-video content analysis**
  - Cross-modal (social / visual / audio) socio-video content analysis
  - Contextual models for socio-video analysis
  - Novel features for socio-video analysis
  - Complex event recognition in socio-videos
  - Socio-video copy detection
  - Content-aware ads optimization in socio-video sharing sites
  - Efficient learning and mining algorithms for scalable socio-video content analysis
- **Socio-video browsing and retrieval**
  - Socio-video retrieval systems
  - Socio-video summarization
  - Recommender techniques for socio-video browsing
  - Mobile socio-video browsing and retrieval
  - User-centered interface and system design for socio-video browsing and retrieval
- **Socio-video benchmark construction and open-source software**
  - Benchmark database construction for socio-video semantic analysis
  - Ontology construction for socio-video semantic analysis
  - Open-source software libraries for socio-video analysis

Submissions should follow the official guidelines set out by IEEE Transactions on Multimedia, which are located at http://www.ieee.org/organizations/society/tmm/author_info.html. Prospective authors should submit high quality, original manuscripts that have not appeared, nor are under consideration, in any other journals. Manuscripts should be submitted electronically through the online IEEE manuscript submission system at http://mc.manuscriptcentral.com/tmm-ieee/. All papers will be reviewed by at least three expert reviewers in relevant fields. Decision will be made based on the novel scientific and technical contribution of the submissions and their suitability to the interests of this special issue.