



Call for Papers

**Special Issue on
Multimedia for Predictive Analytics**

Springer Journal Multimedia Tools and Applications

Editor-in-Chief: Borko Furht

<http://www.springer.com/journal/11042>

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Summary and Scope:

Recent technological advancements have led to a deluge of Multimedia data from distinctive domains. With the increase in multimedia data generated by Internet, health care, scientific sensors, financial and manufacturing companies has profoundly transformed our society and will continue to attract diverse attentions from both technological experts and the society in general. The use of multimedia data for predictive analytics is the process of analysing, meaningful patterns for predictive modelling. Reasons for using predictive analytics by the organization or individual are to grow, compete, enforce, improve, satisfy and learn.

Researchers are now beginning to adapt advanced modern machine learning and pattern recognition techniques, such as ensemble learning, manifold learning, sparse representation, low-rank presentation, compressive sensing and deep learning, to solve related problems in the complex domain. The goal of this special issue is to bring forward the recent advancements in multimedia for data analytics which consist of data collection, storage, pre-processing, classification, and visualisation. More specifically, it looks for the contribution in to the state-of-the-art and approaches, methodologies systems in the design, development, deployment and innovative use of multimedia data. Topic includes but not restricted to:

- Applications based on multimedia data, such as finance, marketing, manufacturing, health, education, agriculture, environment, security, biometrics etc.
- Multimedia transaction understanding and analysis
- Computer-aided detection/diagnosis (e.g., disease identification, clinical score prediction)
- Multimedia tools and applications (e.g. ranking, hashing, and retrieval)
- Data clean (e.g., missing value fill-in and feature extraction)

- Noise/Outlier detection (e.g., generative methods, and discriminative methods)
- Machine Learning; Models, Technologies and Applications in business, government, and the military

Submission Guidelines:

Papers submitted to this special issue for possible publication must be original and must not be under consideration for publication in any other journal or conference. Manuscripts should be submitted online at <https://www.editorialmanager.com/mtap/> choosing "Multimedia for Predictive Analytics" as article type. When uploading your paper, please ensure that your manuscript is marked as being for this special issue. All the papers will be peer-reviewed following the MTAP reviewing procedures. Authors should prepare their manuscripts according to the online submission page of Multimedia Tools and Applications at www.Springer.com/11042

Important Dates:

Paper submission: August 30, 2016

Review results to authors: October 30, 2016

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