

## **Journal of Mathematics and Music**

### **Special Issue on Computational Music Analysis**

### **Second Call For Papers (Deadline: August 31, 2009)**

This is a call for papers for a special issue of the *Journal of Mathematics and Music*, to focus on Computational Music Analysis in the context of Brahms' String Quartet Op. 51 No.1, for publication in Summer 2010. The *Journal of Mathematics and Music* aims to advance the use of mathematical modeling and computational approaches in music theory, analysis, composition, and performance. It is the official journal of the Society for Mathematics and Computation in Music, an international forum for researchers and musicians working at the intersection of music, mathematics, and computation. The Journal launched its inaugural issue at the International Conference on Mathematics and Computation in Music, in Berlin in 2007.

The *Special Issue on Computational Music Analysis* welcomes previously unpublished contributions that present computational approaches of any type of music analysis, applied to Brahms' String Quartet No.1. The aim of this issue is to bring together and critically discuss diverse computational analytical approaches and methodologies, such as structural, motivic, semiotic, comparative, reductional, harmonic, transformational and others, using a variety of computational implementation techniques, including those derived from knowledge representation, artificial intelligence, mathematical modeling and machine learning. By focusing the corpus of application of all methods to the same piece, similarities, differences and complementarities among the approaches on both the methodological and the analytical results levels can be highlighted and discussed. Authors are particularly encouraged to consider Allen Forte's (1983) and David Huron's (2001) analyses of the same piece, and relate them to their own work if possible.

#### **Submission Procedure**

Prospective authors should prepare manuscripts according to the Information for Authors as published on the web at <http://www.tandf.co.uk/journals/titles/17459737.asp>. Note that papers should not exceed 5000 words, which corresponds to approximately 10 pages in the Journal. Longer papers have to be of exceptional quality in order to be accepted. The online edition of the Journal has the capability to provide extended material in the form of sound files, applets, or similar electronic media. Manuscripts should be sent to the Guest Editors.

#### **Schedule**

Extended Submission deadline: **August 31, 2009**

Notification of acceptance: November 15, 2009

Final manuscript due: February 15, 2010

Tentative publication date: July 2010

#### **Guest Editors**

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