Editor's Message to Special Issue on Extensions and Advances in Music Information Processing

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There has been the great progress and expansion both in depth and width in music information processing research. Recent sophistication of acoustic signal processing and machine learning techniques, realization of large-scale application systems, such as Apple Music and Google Play Music, which leverage information on the Internet have contributed to the progress of such research developments. On the other hand, research in music creation has also become popular, due to the spread of new musical instruments/systems with physical interfaces developed as a part of the current digital fabrication movement, and also from new ideas generated by utilizing ideas in other fields of research. This special issue of music information processing is the first for the IPSJ journal which includes audio/video data. The audio/video data have been handled as a part of the submitted papers, i.e., were subject to peer-reviewing along with the papers, and are archived with the accepted papers of this edition. Considering the characteristics of music, it is very important to archive and convey not just the paper, but also specific contents of the research results accurately and clearly, which was impossible with only conventional paper media. This special issue was planned to increase the value of academic reference materials with this aim. While this objective may not be applicable to all research in the computer science area, we feel that this trial is essential for IPSJ to provide academic information services in the multimedia era.

Out of 29 submissions, seven papers were accepted (i.e. acceptance rate 24%) by the editorial committee of this special issue that was organized from the committee of the Special Interest Group of Music Information Processing. Two papers were submitted with media data and both were accepted for publication in this issue.

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