Trends in Music Information Seeking, Behavior, and Retrieval for Creativity

Part of the Advances in Multimedia and Interactive Technologies Book Series

Petros Kostagiolas (Ionian University, Greece), Konstantina Martzoukou (Robert Gordon University, Scotland) and Charilaos Lavranos (Ionian University, Greece)

Description:

In the literature of information science, a number of studies have been carried out attempting to model cognitive, affective, behavioral, and contextual factors associated with human information seeking and retrieval. On the other hand, only a few studies have addressed the exploration of creative thinking in music, focusing on understanding and describing individuals’ information seeking behavior during the creative process.

Trends in Music Information Seeking, Behavior, and Retrieval for Creativity connects theoretical concepts in information seeking and behavior to the music creative process. This publication presents new research, case studies, surveys, and theories related to various aspects of information retrieval and the information seeking behavior of diverse scholarly and professional music communities.

Readers:

Music professionals, theorists, researchers, and students will find this publication an essential resource for their professional and research needs.

ISBN: 9781522502708  Release Date: June, 2016  Copyright: 2016  Pages: 351

Topics Covered:

- Music Education
- Music Information Systems
- Musical Creativity
- Musical Databases
- Popular Culture
- Symbolism

Hardcover + E-Access: $195.00
Free Hardcover: $195.00

Order Information
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com
Table of Contents

Foreword

Preface

Acknowledgment

Chapter 1
Theoretical and Applied Issues on the Impact of Information on Musical Creativity: An Information Seeking Behavior Perspective
Charilaos Lavaras, Ionian University, Greece
Petros Kostagiolas, Ionian University, Greece
Konstantina Marzoukou, Robert Gordon University, UK

Chapter 2
The Knowledge Instinct, Cognitive Functions of Music and Cultural Evolution
Leonid Pantovsky, Northeastern University, USA
Nobuo Masaoka, Kyoto University, Japan
Michel Cabanac, Laval University, Canada

Chapter 3
Music Information Seeking Opportunities and Behavior Then and Now
Kirstin Dougan, University of Illinois at Urbana-Champaign, USA

Chapter 4
Popular Songs and Social Change: East Meets West in Shanghai, China
Wai-Chung Ho, Hong Kong Baptist University, China

Chapter 5
Supporting Everyday Creativity in Ubiquitous Music Making
Damián Keller, Federal University of Acre, Brazil
Maria Helena de Lima, Federal University of Rio Grande do Sul, Brazil

Chapter 6
Musical Information Beyond Measurement and Computation: Interaction, Symbol Processing and the Dynamic Approach
Mark Marie Reybrouck, University of Leuven, Belgium

Chapter 7
Overview of Approaches and Future Challenges for Development of Music Recommendation Socio-Technical Systems
Sergej Lugovic, Polytechnic of Zagreb, Croatia

Chapter 8
Automatic Melodic Harmonization: An Overview, Challenges and Future Directions
Dimos Makris, Ionian University, Greece

Ioannis Kayridis, Ionian University, Greece Spyros Sioutas, Ionian University, Greece

Chapter 9
Innovative Sound Design of Car Alarms: A Case Study on Information Needs and Musical Creativity
Nicolas Misdariis, Institut de Recherche et Coordination Acoustique/Musique, France
Alexander Sigman, Yamashita Gakuin University, Japan

Chapter 10
Design of an Automatic Music Transcription System for the Traditional Repertoire of the Marovany Zither from Madagascar: Application to Human-Machine Music Improvisation with ImproveK
Dorian Cazau, Sorbonne Universités, Paris VI, France
Marc Chemillier, Centre d’Analyse et de Mathématique Sociales, France
Olivier Adam, Sorbonne Universités, Paris VI, France

Chapter 11
A Smallest Grammar Approach to the Symbolic Analysis of Music
Kirill Sidorov, Cardiff University, UK
Andrew Jones, Cardiff University, UK
David Marshall, Cardiff University, UK

Chapter 12
Catalogue /Esthetics: Database In and As Music
Marinos Koutsomichalis, De Montfort University, UK

Chapter 13
Greek Copyright Law Framework for Musical Databases & Academic Research Use
Dimitra Karydi, Attorney at law, Greece
Ioannis Karydis, Ionian University, Greece

Chapter 14
Engagement and Creativity in Music Education
Dimitra Kokotsaki, University of Durham, UK

Chapter 15
Exploring Singing Vocal Pedagogy in the Greek Elementary School through Interactive Technologies
Sofia Stavropoulou, University Of Athens, Greece
Anastasia Georgaki, University Of Athens, Greece

Compilation of References

About the Contributors

Index

Dr. Petros A. Kostagiolas is an Assistant Professor of information services management in the Department of Archives, Library Science and Museology, Faculty of Information Science and Informatics at Ionian University, Corfu, Greece. He is also a visiting lecturer at Robert Gordon’s University, Aberdeen, U.K. He holds a Ph.D. in the field of quality and reliability management from the University of Birmingham, U.K. His work has been published in international journals and conference proceedings. His research interests include the theory and practice of information services management, intellectual capital management, quality management, as well as information seeking behaviour in various settings.