

1. Record Nr.	UNINA9910734890703321
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Titolo	Music in the AI Era : 15th International Symposium, CMMR 2021, Virtual Event, November 15–19, 2021, Revised Selected Papers // edited by Mitsuko Aramaki, Keiji Hirata, Tetsuro Kitahara, Richard Kronland-Martinet, Sølvi Ystad
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-35382-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (338 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13770
Altri autori (Persone)	HirataKeiji KitaharaTetsuro Kronland-MartinetRichard YstadSølvi
Disciplina	780.285
Soggetti	User interfaces (Computer systems) Human-computer interaction Artificial intelligence Image processing—Digital techniques Computer vision Education—Data processing Computer networks User Interfaces and Human Computer Interaction Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Computers and Education Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Music technology in the IA era -- KANSEI Informatics and Music Technology in AI Era -- On Parallelism in Music and Language: A Perspective from Symbol Emergence Systems based on Probabilistic Generative Models -- WaVAEtable Synthesis -- Deep Learning-based Music Instrument Recognition: Exploring Learned Feature

Representations -- Time-span Tree Leveled by Duration of Time-span -- Evaluating AI as an Assisting Tool to Create Electronic Dance Music -- Interactive systems for music -- Suiview: A Web-based Application that Enables Users to Practice Wind Instrument Performance -- Continuous Parameter Control Using an On/Off Sensor in the Augmented Handheld Triangle -- Networked and Collaborative Musical Play Amongst Humans and Virtual Biological Agents in Locus Diffuse -- Towards an Aesthetic of Hybrid Performance Practice -- Development of Audio Descriptors Inspired by Schaefferian Criteria: a Set of Tools for Interactive Exploration of Percussive Sounds -- A Polytemporal Model for Musical Scheduling -- Interaction Strategies in Composition for Karla and Acoustic Instruments -- Music Information Retrieval and Modeling -- Modelling Moral Traits with Music Listening Preferences and Demographics -- Classification of 1950 to 1960 Electronic Music Using the VGGish Neural Network and Random Forest -- Knowledge Transfer from Neural Networks for Speech Music Classification -- Predominant Instrument Recognition in Polyphonic Music Using Convolutional Recurrent Neural Networks -- The Matrix Profile for Motif Discovery in Audio - An Example Application in Carnatic Music -- A Rule-based Method for Implementing Implication-Realization Model -- Music and Performance Analysis -- CROCUS: Dataset of Critique Documents of Musical Performance -- A Psychoacoustic-Based Methodology for Sound Mass Music Analysis -- Musical Structure Analysis and Generation through Abstraction Trees -- Analysis of Musical Dynamics in Vocal Performances -- With Love: Electroacoustic, Audiovisual, and Telematic Music.

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#### Sommario/riassunto

This book constitutes the refereed proceedings and revised selected papers from the 15th International Symposium on Music in the AI Era, CMMR 2021, which took place during November 15–19, 2021 as a virtual event. The 24 full papers included in this book were carefully reviewed and selected from 48 submissions. The papers are grouped in thematical sessions on Music technology in the IA era; Interactive systems for music; Music Information Retrieval and Modeling; and Music and Performance Analysis.

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