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Collana	Current Research in Systematic Musicology, , 2196-6974 ; ; 10
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Soggetti	Speech processing systems Signal processing Music theory Computational intelligence Science - Social aspects Speech and Audio Processing Theory of Music Computational Intelligence Sound Studies
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Nota di contenuto	Holy Week Music from Manuel de Tavares -- Telemann's Fantasia No 2 à Travers sans Basse: Compositional intentions, performance characteristics and audio footprint signal processing analysis -- The sounds of the Baroque tiles. An Iconographic Itinerary of St. Victor's Church, Braga, Portugal -- Portraits of male and female musicians in Portuguese paintings from the 18th and 19th centuries -- Amália Rodrigues in 2020 -- mapping some ingenuously improbable portraits of the fado diva -- MicroSonic Spaces: towards a virtual ecosystem of sonic agents -- Musicking with plants -- Composition as artistic device -- Sound intensity and loudness of musical sound -- A Review of Musical Rhythm Representation and (Dis)similarity in Symbolic and Audio Domains -- On the use of automatic onset detection for the analysis of Maracatu de Baque Solto -- 3D modelling techniques for the

analysis and sound synthesis of timbala bars -- Reducing annoyance of healthcare soundscapes with harmonious alarms -- The music training of General Primary Education teachers: a case study at a Spanish University -- Education, Music and Community: Music in socio-educational projects as re-sources for inclusion -- The peripheral curriculum. Music education as a way of transformation and social justice in children's lives -- A holistic and multidisciplinary approach to children music education -- Teaching piano through letters: an innovative educational tool by Carl Czerny -- Transtherapy of music as a benefit beyond ears and senses -- Development of a musical instrument to apply to Musica Therapy -- Notes on the Relationships between Design and Music.

Sommario/riassunto

This book gathers a set of works highlighting significant advances in the areas of music and sound. They report on innovative music technologies, acoustics, findings in musicology, new perspectives and techniques for composition, sound design and sound synthesis, and methods for music education and therapy. Further, they cover interesting topics at the intersection between music and computing, design and social sciences. Chapters are based on extended and revised versions of the best papers presented during the 6th and 7th editions of EIMAD– Meeting of Research in Music, Arts and Design, held in 2020 and 2021, respectively, at the School of Applied Arts in Castelo Branco, Portugal. All in all, this book provides music researchers, educators and professionals with authoritative information about new trends and techniques, and a source of inspiration for future research, practical developments, and for establishing collaboration between experts from different fields.
