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Titolo	MediaSync [[electronic resource] ] : Handbook on Multimedia Synchronization / / edited by Mario Montagud, Pablo Cesar, Fernando Boronat, Jack Jansen
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ISBN	3-319-65840-9
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (706 pages)
Disciplina	006.7
Soggetti	Multimedia information systems Application software User interfaces (Computer systems) Computer communication systems Electrical engineering Multimedia Information Systems Information Systems Applications (incl. Internet) User Interfaces and Human Computer Interaction Computer Communication Networks Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foundations -- Applications, Use Cases, and Requirements -- User Experience and Evaluation Methodologies -- Document Formats and Standards -- Algorithms, Protocols and Techniques.
Sommario/riassunto	This book provides an approachable overview of the most recent advances in the fascinating field of media synchronization (mediasync), gathering contributions from the most representative and influential experts. Understanding the challenges of this field in the current multi-sensory, multi-device, and multi-protocol world is not an easy task. The book revisits the foundations of mediasync, including theoretical frameworks and models, highlights ongoing research efforts, like hybrid broadband broadcast (HBB) delivery and users'

perception modeling (i.e., Quality of Experience or QoE), and paves the way for the future (e.g., towards the deployment of multi-sensory and ultra-realistic experiences). Although many advances around mediasync have been devised and deployed, this area of research is getting renewed attention to overcome remaining challenges in the next-generation (heterogeneous and ubiquitous) media ecosystem. Given the significant advances in this research area, its current relevance and the multiple disciplines it involves, the availability of a reference book on mediasync becomes necessary. This book fills the gap in this context. In particular, it addresses key aspects and reviews the most relevant contributions within the mediasync research space, from different perspectives. *Mediasync: Handbook on Multimedia Synchronization* is the perfect companion for scholars and practitioners that want to acquire strong knowledge about this research area, and also approach the challenges behind ensuring the best mediated experiences, by providing the adequate synchronization between the media elements that constitute these experiences.

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