1.	Record Nr.	UNINA9910299278703321
	Titolo	Personal Multimedia Preservation : Remembering or Forgetting Images and Video / / edited by Vasileios Mezaris, Claudia Niederée, Robert H. Logie
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-319-73465-2
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (346 pages) : illustrations
	Collana	Springer Series on Cultural Computing, , 2195-9056
	Disciplina	651.59
	Soggetti	Multimedia systems
		Application software
		Cognitive psychology
		Computers and civilization
		Multimedia Information Systems
		Computer Appl. in Arts and Humanities
		Cognitive Psychology
		Computers and Society
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Part I: Interdisciplinary Foundations -- Multimedia Preservation: Why Bother? -- Preserving and Forgetting in the Human Brain -- Multimedia Processing Essentials -- Part II: Multimedia Preservation Theory -- Preservation Value and Managed Forgetting -- Keeping Information in Context -- Bridging Information Management and Preservation: a Reference Model -- Part III: Multimedia Preservation in Practice -- Remembering and Forgetting for Personal Preservation -- Personal Photo Management and Preservation.
	Sommario/riassunto	This unique text/reference advocates a novel forgetful approach to dealing with personal multimedia content in the long run, which is inspired by the effectiveness of human forgetting as a mechanism for helping us to stay focused on important things. The text presents theoretical foundations, technologies, applications, and case study results that help the reader to understand the problems and challenges

associated with personal digital preservation, and the solutions that can be developed in response to these challenges. Topics and features: Highlights the value of an intelligent and selective approach to personal multimedia preservation, involving managed forgetting and contextualized remembering Considers how a conceptual understanding of human memory function can be used to inspire the design of digital managed preservation and forgetting Discusses methods that endow computers with capabilities to understand digital content, in order to support intelligent preservation decisions Examines the assessment of the importance of information items, introducing the concepts of memory buoyancy and preservation value Reviews methods for preserving the context associated with a digital item, and for assessing how this context evolves over time Proposes a reference model for the Preserve-or-Forget (PoF) approach which is integrative, value-driven, brain-inspired, forgetful, and evolution-aware Describes the integration of preservation functionalities in a Personal Information Management (PIM) application Presents a user study on a photo selection task, using the results to design methods for automatically selecting important photos from personal collections This interdisciplinary volume provides significant insights from computer science, engineering and psychology that will be of great interest to researchers involved in multimedia and software engineering, multimedia preservation, cultural informatics, digital heritage, and the digital humanities.