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Soggetti	Medical informatics Application software Artificial intelligence Image processing—Digital techniques Computer vision Computers, Special purpose Health Informatics Computer and Information Systems Applications Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Special Purpose and Application-Based Systems
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Aging Well-Social and Human Sciences Perspective -- Turntable: The Co-creation of a Digital Solution Supporting Older Adults in Active Aging -- Extracting Color Name Features Utilized for Skin Disease Characterization and Comparing It to Other Representations Describing the ABCD Dermatological Criteria for Melanoma Inspection -- Evaluating the Depression Level based on Facial Image Analyzing and Patient Voice -- Advantages of Oversampling Techniques: A Case Study in Risk Factors for Fall Prediction -- Exergaming with the GAME2AWE

Platform: Design, Implementation and Evaluation Insights -- Don't You Worry 'bout a Thing? Identification and Quantification of Relevant Privacy Parameters within the Acceptance of AAL Technology -- An Attempt to Counter Ageism in Gerontechnology Through the Engagement of Older Adults in the Development of Wisdom of Age -- Rescuing Relevant Features from Active Aging Surveys: A Data Mining Perspective -- Configuring Participatory Design of ICT for Aging Well as Matters of Care -- Gender Aspect in Online Health Information Seeking Behavior Among Estonians Aged 50 During the Covid-19 Pandemic -- Telemedicine and Independent Living -- Advancements on Technology Acceptance and Adoption by Older Adults in the Context of the Second Digital Divide -- Technological Model based on Blockchain Technology for Genetic Information Protection in the Health Sector -- Designing Pervasive Games Oriented towards the Elderly: A Case Study -- Technological Solution to Optimize the Monitoring of CoViD-19 Symptoms in Seniors Patients in Lima -- What Helps to Help? Exploring Influencing Human-, Technology-, and Context-Related Factors on the Adoption Process of Telemedical Applications in Nursing Homes -- Digital Health and e-health -- Categorization of Health Determinants into an EHR Paradigm based on HL7 FHIR -- Multi-task Neural Networks for Pain Intensity Estimation using Electrocardiogram and Demographic Factors -- The Influence of Culture in the Adoption and Use of Mobile Applications in the Management of non-Communicable Disease -- Design and Initial Evaluation of Technology-Supported Shared Decision Making for Secondary Prevention in Cardiac Patients in the CoroPrevention Project -- A Personal Health Agent for Decision Support in Arrhythmia Diagnosis -- The SMART BEAR Project: An Overview of Its Infrastructure.

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#### Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 7th and the 8th International Conference on Big Data Technologies and Applications, ICT4AWE 2021 and ICT4AWE 2022, held in April 24–26, 2021 and April 23–25, 2022. Due to COVID-19 pandemic both conferences were held virtually. The 21 full papers of ICT4AWE 2021 and ICT4AWE 2022 were selected from 80 submissions and present all big data technologies, such as Aging Well - Social and Human Sciences Perspective; Telemedicine and Independent Living; Digital Health and e-health.

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