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Nota di contenuto	Intro -- Preface -- Distinguished Lecturer Message -- Organization -- Executive Committee -- Conference Chair -- Program Chair -- Scientific Committee -- Program Chair -- Program Co-chair -- Session Coordinators -- Committee Assistant -- Awards Committee -- Student Competition -- SOMIB Awards -- Organizing Committee -- Organizing Chair -- International Guests -- Professional Guests -- Universities Guests -- Workshops -- Exposition Chair -- Students Coordinator -- Education Committee -- Chair -- Co-chair -- Industry Committee -- Chair -- Innovation Committee -- Chair -- Logistics Committee -- Chair -- Graphic Design -- Administrative Support -- Public Relations Coordinator -- Referees -- Sponsoring Institutions -- Contents -- Artificial Intelligence and Data Science -- Device for the Fall Detection in Older Adults Through Neural Networks -- 1 Introduction -- 2 Methodology -- 2.1 Selection of Electronic Components -- 2.2 General Procedure -- 2.3 Neural Network Architecture for Posture Detection -- 2.4 Device Design -- 2.5 Participants -- 3 Results -- 3.1 Sample Characterization -- 3.2 Device Fall Detection -- 3.3 Neural Network Operation -- 4 Discussion -- 5 Conclusion -- References -- Breast Cancer Detection Algorithm Using Ensemble Learning -- 1 Introduction -- 2 Methods -- 2.1 Database -- 2.2 Naïve Bayes Algorithm -- 2.3 Artificial Neural Network -- 2.4 Support-Vector Machine -- 2.5 Composite Algorithm -- 3 Results -- 4 Discussion -- 5 Conclusions --

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