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Sommario/riassunto	<p>This year, the conference theme of "PErvasive Technologies Related to Assistive Environments" takes a special meaning at this unique time in a world that is gripped by a pandemic crisis, as scientific results also bolster assistive technologies designed to meet human needs. Indeed, many of PETRA's AI based methods show compelling social applications to help build, stone by stone (PETRA means stone in Greek), new ways of life to survive in an increasingly challenging world. Results range from basic research in computer vision, machine learning, data mining, human robot interaction, and big data, to engineering applications in robotics, sensors, devices and software solutions that address physical, cognitive, and mental performance assessment and monitoring. The conference addresses the needs of both healthy individuals and persons with special needs, such as providing safe in-home care for the elderly, or persons with Dementia, Alzheimer's, Parkinson's, chronic arthritis, PTSD, low vision, autism, COPD, Traumatic Brain Injury, and other conditions.</p>