HYBRID BIOMETRIC SYSTEMS

Biometrics, the computer-based validation of persons' identity, is becoming more and more essential due to the increasing demand for high-security systems. New requirements over actual biometric systems as robustness, higher recognition rates, tolerance for imprecision and uncertainty, flexibility, user-friendship and low-cost call for the use of new computing technologies.

TOPICS OF INTEREST
The aim of the invited session "Hybrid Biometric Systems" is to present different applications of statistical, classical artificial intelligence and soft computing methods to biometric problems and to discuss their usage in specific biometric domains. Related topics of interest for the session include, but are not restricted to, the application of neural networks, fuzzy systems, evolutionary algorithms, statistics, logic and reasoning to the tasks of hand verification, fingerprint verification, iris and retina recognition, face detection and recognition, gesture interpretation, signature verification, voice recognition, Internet biometric applications, multi-modal biometric signal processing, new hardware architectures, comparative studies and feasibility tests.

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