Positive and reliable automatic identification of humans is a very important topic in a number of law enforcement (e.g., criminal investigation), government (e.g., border control), and commercial (e.g., logical and physical access control) applications. Surrogate representations of identity such as passwords and physical tokens fail to provide satisfactory level of security in the current electronic era. Biometrics-based authentication techniques utilize physical and behavioral characteristics (e.g., fingerprint, iris, voice, gait, and face) to either verify a claimed identity (biometric verification) or establish the identity of an individual (biometric identification). With increased emphasis on security, there is a growing and urgent need to automatically identify humans both locally and remotely on a routine basis.

The purpose of this conference is to provide a scientific forum for researchers, engineers, system architects, and designers to report recent advances in this important area of human identification using biometrics. Suggested topics for presentation include, but are not limited to:

**Biometric Modalities**
- fingerprint and palmprint
- face (grayscale, color, thermography, 3D face shape, face video, etc.)
- iris
- hand geometry
- speech
- signature/handwriting
- gait
- key stroke dynamics
- multi-modal biometrics.

**Biometric System Design and Evaluation**
- sensing and data acquisition
- performance evaluation
- scalable biometric identification architectures
- real-time embedded biometric systems
- integration and deployment with smart cards
- template aging
- template protection, compromise detection, and revocation
- system inter-operability and integration issues
- liveness (spoof) detection
- individuality assessment.

**Biometric Applications**
- travel and transportation
- border control
- homeland security
- healthcare
- banking and finance
- access control
- airport security
- law enforcement
- automotive
- cybersecurity
- biometrics in government: e-authentication
- encryption and watermarking.

Proceedings of this conference will be printed and available at the meeting.

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Abstract Due Date: 25 September 2006
Prospective authors are required to submit an additional supplemental file (maximum of 6 pages including text, figures, and bibliography) to be considered for acceptance in this conference. Abstracts, if accepted, will be printed and distributed at, or before the meeting.

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