

CALL FOR PAPERS
Biometrics: Progress and Directions
IEEE Transactions on Pattern Analysis and Machine Intelligence
Special Issue
May Issue of 2007

IEEE Transaction on Pattern Analysis and Machine Intelligence seeks original manuscripts for a Special Issue on Biometrics: Progress and Directions scheduled to appear in **the May issue of 2007**.

In addition to its extensive use in forensic sciences, biometrics technology is rapidly being adopted in a wide variety of security applications such as electronic and physical access control, electronic commerce, digital rights management, background checking, homeland security, and defense. Security systems demand high accuracy, high throughput, and low cost from their biometric sub-systems. Although biometric systems have made great strides especially over recent years, there is continued need for vigorous research to solve many outstanding challenging problems. The goal of this special issue is to document the current state-of-the-art, the latest breakthroughs achieved by the scientists working in the area of biometric recognition, and to identify future promising research areas. We invite original contributions that provide novel solutions to challenging problems. Submitted papers can address theoretical or practical aspects of the progress and directions in biometrics research. Topics of interest include, but are not limited to:

- Estimation of biometric individuality (information content).
- Statistical performance evaluation.
- Temporal interclass and intraclass variability in biometric characteristics.
- Verification and identification systems; tracking, indexing, and classification.
- Biometric cryptosystems; template protection; privacy protecting techniques; liveness detection.
- Multimodal biometrics; information fusion.

Submitted articles must not have been previously published or currently submitted for journal publication elsewhere. As an author, you are responsible for understanding and adhering to our submission guidelines. You can access them by clicking on <http://www.computer.org/mc/tpami/author.htm>. Please thoroughly read these before submitting your manuscript.

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Important dates:

Submission Deadline: 1-Dec-2005

Major Revisions Due: 1-Jun-2006

Notification of Final Acceptance: 24-Sep-2006

Publication Materials for Final Manuscripts Due: 12-Oct-2006

Please address all other correspondence regarding this special issue to **Salil Prabhakar**.

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