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Important Dates:

Paper submission:
31 July, 2009
Acceptance notification:
15 October, 2009
Final papers:
30 November, 2009
Publication:
First Quarter 2010

Submission Guideline:

All manuscripts and any supplementary material should be submitted through Elsevier Editorial System (EES). The authors must select "SI: Biometrics – Khan" when they reach the "Article Type" step in the submission process. The EES website is located at <http://ees.elsevier.com/jnca/>

CALL FOR PAPERS

Special Issue of Journal of Network and Computer Applications on *"Recent Advances and Future Directions in Biometrics Personal Identification"*

<http://www.elsevier.com/locate/jnca>

Scope:

Recently, Biometrics has emerged as a promising research area for personal identification and authentication. Biometrics systems use biological or behavioral traits such as face, fingerprint, iris, hand-geometry, palm-print, gait, and voice, etc; to establish an individual's identity. Although many biometric-based applications have been found in our daily lives, but its universal usability rate is still far behind its deserved-potential. One of the major impediments is that many technological challenges are unresolved so far and a lot of research questions are still unsolved. The goal of this special issue is aimed at collecting original papers that present recent advances and future directions in biometrics-based personal identification systems for any aspect of the design, implementation and application of biometrics systems. Original contributions that provide novel solutions to challenging problems of biometrics systems will be solicited for this special issue. Research areas of relevance would therefore include, but not only limited to, the following topics:

- Emerging biometrics modalities e.g. ear, gait, ECG, teeth, skin
- 2D and 3D biometrics recognition
- Multimodal biometrics and fusion techniques
- Secure biometrics communication and transmission
- Privacy, anonymity and security in biometrics systems
- Biometrics encryption, liveness detection, and cancelable biometrics
- Integration and interoperability in biometrics systems
- Large-scale biometrics databases and indexing
- Biometrics systems for security applications (e.g., authentication, surveillance, computer security, national defense, border control, driver license, transportation)
- Biometrics systems for large-scale applications (e.g., e-commerce, e-banking, e-government, PKI)
- Biometrics in consumer applications

Submission Format:

The submitted papers must be written in English and describe original research which is not published nor currently under review by other journals or conferences. Author guidelines for preparation of manuscript can be found at www.elsevier.com/locate/jnca. For more information, please contact the Editor-in-Chief, Mohammed Atiquzzaman (atiq@ou.edu)