



From Biometrics to Writer Identification: Methods, Applications, and Issues

Kurban Ubul

*Associate professor, School of Information Science and Engineering, Xinjiang University, China
Researcher, Xinjiang Laboratory of Multi-language Information Technology, Xinjiang, China*



Apr 4, 2012

admission is free

18:00 – 19:30

ME-4236

Carleton University

Biometric identification offers reliable solution to better security, higher efficiency, and, in many instances, increased user convenience. Consequently, biometrics-based personal identification systems are being widely used in every aspect of society including governmental, commercial and civilian sections.

This talk will give an overview of biometric identification technologies, especially handwriting based writer identification, signature recognition and verification. The lecture will discuss their strengths, weaknesses, usability, efficiency and tendency. I will give my opinions on these issues, as well as research works about Uyghur handwriting (similar to Arabic and Persian) based writer identification and signature recognition as a case study.

Kurban Ubul received the Bachelor of Engineering degree in communication engineering from the Xinjiang University, China in 1997. In 2009, he obtained Master of Engineering in communication and information systems from Xinjiang University, China. Since 1997, he has been working as a teacher in School of Information Science and Engineering, Xinjiang University, and became an associate professor in 2009. He also has been working as a researcher in Xinjiang Laboratory of Multi-language Information Technology since 2000. His research interests include image processing, pattern recognition, speech signal processing and digital signal processing. Currently, he is a Visiting Scholar (Researcher) at the Systems and Computer Engineering, Carleton University. He is working on Uyghur handwriting based writer identification, signature recognition and verification.