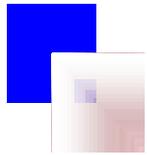


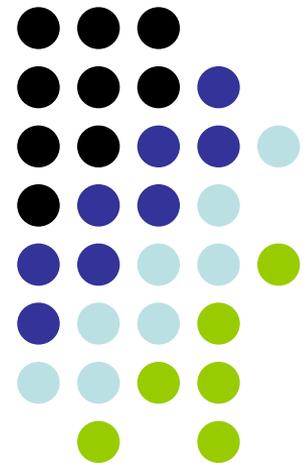


IEEE Biometrics Council

AdCom Meeting, 10th October 2011



Ajay Kumar
Department of Computing
The Hong Kong Polytechnic University
Kowloon, Hong Kong



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- Second Issue → January 2011

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IEEE Biometrics Compendium
Issue 2: January 2011

Editor in Chief: Kevin W. Bowyer, IEEE Fellow Schubmehl-Prein Professor
and Department Chair Department of Computer Science and Engineering University of Notre Dame

Topics in this issue

Introduction

1. Introduction

Welcome to the second issue of the IEEE Biometrics Compendium. The first issue brought you 134 biometrics-related papers that appeared in IEEE journals and magazines in IEEE Xplore® from the beginning of 2010 through mid-July of 2010. This second issue brings you 176 additional papers that appeared in IEEE Xplore through the end of 2010. These 176 papers include 96 that appeared in IEEE journals and magazines and another 80 papers that were presented at the 2010 International Conference on Biometrics Theory Applications and Systems. This marks an important transition, which is the expansion of the Biometrics Compendium to include coverage of conference publications as well as journals and magazines. Future issues of the Biometrics Compendium will include papers from a broader range of IEEE-sponsored conferences.

The articles covered in this issue are grouped by topic area, just as in the first issue. Again, for convenience, articles relevant to more than one topic area are covered in multiple sections. For example, a paper dealing with face and fingerprint multi-biometrics may be listed under Face Recognition, Fingerprint, and Multi-Biometrics.

The 96 journal and magazine papers included in this issue are drawn from 26 different IEEE publications: IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Transactions on Information Forensics and Security, IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, IEEE Transactions on Systems, Man, and Cybernetics, Part B: Cybernetics, IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews, IEEE Transactions on Audio, Speech, and Language Processing, IEEE Transactions on Circuits and Systems for Video Technology, IEEE Transactions on Multimedia, IEEE Transactions on Image Processing, IEEE Transactions on Consumer Electronics, IEEE Signal Processing Letters, IEEE Journal of Selected Topics in Signal Processing, IEEE Transactions on Knowledge and Data Engineering, IEEE Transactions on Parallel and Distributed Systems, IEEE Transactions on Effective Computing, IEEE Transactions on Circuits and Systems II: Express Briefs, IEEE Signal Processing Magazine, IEEE Photonics Technology Letters, IEEE

- Third and Fourth Issue → October 2011 (Joint Issue After IJCB)
- Challenges and Suggestions



IEEE Biometrics Council AdCom Meeting, Washington DC, 2011



➤ Biometrics Compendium → How to Improve Visibility?

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- Biometrics Compendium → How to Improve Visibility?
 - IEEE eXplore?

The screenshot shows a Windows Internet Explorer browser window displaying the IEEE Xplore search results page. The address bar shows the URL: <http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=biometrics+compendium>. The page header includes the IEEE Xplore logo and navigation links like "Advanced Search", "Preferences", and "Search Tips". A search bar at the top right contains the text "SEARCH". Below the search bar, there are navigation tabs: "BROWSE", "MY SETTINGS", "CART", "SIGN OUT", and "About IEEE Xplore | Terms of Use | Feedback | Help". The main content area is divided into three sections: "REFINE/EXPAND RESULTS" with a search box, "SEARCH RESULTS" which displays "You searched for: **biometrics compendium**" and "No results were found. Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.", and "BROUGHT TO YOU BY" which lists "Hong Kong Polytechnic University" and "IEEE/IET Electronic Library (IEL), VDE VERLAG Conference Proceedings". At the bottom right, there is a "SEARCHES FOR THIS SESSION" section showing "biometrics compendium (0)" and "(biometrics compendium) (0)".



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The screenshot shows the IEEE website's page for the Biometrics Compendium. At the top, the IEEE logo and tagline "Advancing Technology for Humanity" are visible, along with the text "The world's largest professional association for the advancement of technology". Navigation links include "Member sign in", "Shop", and "Join IEEE". A main navigation bar contains "About IEEE", "Membership & Services", "Societies & Communities", "Publications & Standards", "Conferences & Events", and "Education & Careers". A search bar with "Search IEEE" and "Google Custom Search" is present, along with social media icons for Facebook, Twitter, LinkedIn, and YouTube, and a "Share" button.

The breadcrumb trail reads: Home > Publications & Standards > Publications > Subscriptions > Product.

IEEE Biometrics Compendium

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Biometrics Council Newsletter

➤ Highlights

- Low Cost Version
- First Issue Available at BC Website (September 2011)
- Interactive with live Links and can Accommodate Videos/Graphics
- 2500+ Emails
 - Current → Ad hoc approach
 - Move to Delivery via IEEE BC Website/Account
- Contents? Budget? How to Sustain?
- Challenges and Suggestions → Newsletter



■ Biometrics Council Newsletter

➤ Contents?

- Technology Highlights
 - Individual(s) from Academia/Industry – By Invitation
 - 800 words summary with figures and illustrations
- Policy Highlights
 - Privacy/Ethical/Legal/Social/Medical Concerns and Solutions
- Biometrics Council Activities
 - Updates on BC Activities, CFP for BC Sponsored Conferences
- News on Biometrics Competitions/Databases
- Biometrics Compendium Promotion/Highlights/Subscription
- Coverage on BC Sponsored Conferences
- Summer/Winter School Info/Updates, Biometrics Tutorials

Please send/forward relevant details for BC newsletter to Ajay.Kumar@inet.polyu.edu.hk



Biometrics Council Newsletter

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- Benefit to Advertisers?
 - Distribution in all BC Cosponsored Conferences
 - Hardcopy/Conference Bag? Mandatory?
 - Distribution via BC Website
 - Availability on BC Website



Biometrics Council Newsletter

➤ Editor?

- We should have in Place from 5th Issue Onwards
- Need → Coordinate, Solicit Contents and Ensure Delivery
- Under Discussion, Suggestions?





Thank You !

