FINAL PROGRAM

WEDNESDAY — SEPTEMBER 27, 2006

DAY 1: CHINESE HANDWRITING RECOGNITION

7:30 AM   REGISTRATION/BREAKFAST
(OREM HALL)

SESSION 1

8:30-8:45   *WELCOME ADDRESS*
L. Murray .... ODNI Foreign Language
Program Office, USA

8:45-9:30   *KEYNOTE TALK*
J. Olive ....DARPA, USA

9:30–10:00   COFFEE BREAK

SESSION 2

10:00-10:45 *Invited Speaker 1*
Handwritten Chinese Character Recognition: Effects of Shape Normalization and Feature Extraction,
C.-L. Liu ....Chinese Academy of Sciences, China

10:45-11:30 *Invited Speaker 2*
How to Deal with Uncertainty and Variability: Experience and Solutions,
H. Fujisawa .... Central Res. Labs., Hitachi, Japan

11:30-12:00 *Technical Talk 1*
An Efficient Candidate Set Size Reduction Method for Coarse-Classifier of Chinese Handwriting Recognition,
F.-J. Guo, L.-X. Zhen, Y. Ge, and
Y. Zhang[1] ....Motorola Labs,
China, and [1]Shanghai Jiaotong
University, China

12:00–1:00   LUNCH

SESSION 3

1:00-1:45 *Invited Speaker 3*
Recent Results of On-Line Japanese Handwriting Recognition and Its Application,
M. Nakagawa, J. Tokuno, B. Zhu, H. Oda,
and A. Kitadai .... Tokyo University of
Agriculture and Technology, Japan

1:45-2:30 *Invited Speaker 4*
Segmentation-Driven Offline Handwritten Chinese and Arabic Script Recognition,
X. Ding and H. Liu ....Tsinghua University, China

2:30-3:00 *Technical Talk 2*
Application of Pictographic Recognition Technology for Spotting Handwritten Chinese Words,
D.T. Gantz, J.J. Miller, and
M.A. Walch[1] George Mason University, USA, and
[1]The Gannon Technologies Group, USA

3:00–3:30   COFFEE BREAK

SESSION 4

3:30-4:00 *Technical Talk 3*
Techniques for Solving the Large-Scale Classification Problem in Chinese Handwriting Recognition,
F. Chang .... Academia Sinica, Taiwan

4:00-4:30 *Technical Talk 4*
Multi-Character Field Recognition for Arabic and Chinese Handwriting,
D. Lopresti[1], G. Nagy[2], S. Seth[3], and
X. Zhang[2] ....[1]Lehigh University, USA,
[2]Rensselaer Polytechnic, USA, and
[3]University of Nebraska, USA

4:30–7:00   DEMOS/RECEPTION

DEMOS/POSTERS

- **Introduction to Hanwang Arabic Handwriting Recognition,**
 X. Niu, Hanwang Technologies, China

- **Using Graphs to Bridge from Static Documents to Dynamic Handwriting Recognition for Handwritten Arabic Documents,**
 M.A. Walch[1], and R. Safadi[2], [1]The Gannon Tech. Group, USA, and Sakhr Software, USA

- **Arabic Handwriting Recognition at Mitre**
 A. Kundu, T. Hines, J. Philips, and B. Huyck, The MITRE Corporation, USA

- **DITTO, A Document Image Truthing Tool,**
 J.C. Femiani, M. Sethuramachandran, and A. Razdan, Arizona State University, USA

- **CEDARABIC – A System For Processing Handwritten Arabic Documents,**
 S.N. Srihari, G.R. Ball, and H. Srinivasan, University at Buffalo, USA

- **GEDI: Ground Truth Editor and Document Interface,**
 M. Roth, S. Jaeger, and D. Doermann, University of Maryland, USA

- **Word Spotting in PCR Forms,**
 F. Farooq and V. Govindaraju, University at Buffalo, USA

- **Discriminating ARABIC Handwriting from Machine Print,**
 F. Farooq, and V. Govindaraju, University at Buffalo, USA

- **Ground Truth Data for Arabic and Chinese Handwriting**, *C. Flatley,* Valorem Corporation, USA

- **SOCRAT: Special Optical Character Recognition of Arabic Text,**
 N. Hatami, CiyaSoft, USA

- **MATES: Multilingual Automatic Translation Engine**,
 A. Ankur, Applied Media Analysis, Inc., USA

DAY 2: ARABIC HANDWRITING RECOGNITION

7:30 AM   REGISTRATION/BREAKFAST
    (OREM HALL)

SESSION 5

8:45-9:30 *Invited Speaker 5*
Farsi Script Recognition: A Survey
C.Y. Suen, S. Izadi, J. Sadri, and
F. Solimanpou.......Concordia University, Canada

9:30-10:15 *Invited Speaker 6*
Arabic Handwriting Recognition and Application to Ancient Documents,
L.M. Lorigo............... University at Buffalo, USA

10:15–10:30   COFFEE BREAK

SESSION 6

10:30-11:15 *Invited Speaker 7*
Visual Processing of Arabic Handwriting: Challenges and New Directions,
M. Cheriet and
M. Beldjehem, ... University of Quebec, Canada

11:15-12:00 *Invited Speaker 8*
Human Reading Based Strategies for Off-Line Arabic Word Recognition,
A. Belaid[1] and
Ch. Choisy[2] ....[1]University of Nancy, and
[2]ITESOFT, France

12:00-12:30 *Technical Talk 5*
Versatile Search of Scanned Arabic Handwriting,
S.N. Srihari, G.R. Bal, and
H. Srinivasan ....University at Buffalo, USA

12:30–1:30   LUNCH

SESSION 7

1:30-2:15 *Invited Speaker 9*
Databases and Competitions-Strategies to Improve Arabic Recognition Systems,
V. Margner and
H. El Abed..........................Technical University
                    of Braunschweig, Germany

2:15-2:45 *Technical Talk 6*
A Two Tier Arabic Offline Handwriting Recognition Based on Conditional Joining Rules,
A. AbdulKader ....Microsoft Research, USA

2:45-3:15 *Technical Talk 7*
Paradigms in Handwriting Recognition,
V. Govindaraju ...... State University of NY, USA

3:15-3:45 *Technical Talk 8*
Multi-Lingual Offline Handwriting Recognition Using Markov Models,
P. Natarajan, S. Saleem, R. Prasad, E. MacRostie,
and K. Subramanian .. BBN Technologies, USA

3:45–4:00   COFFEE BREAK

4:00   GOVERNMENT PANEL/
          DISCUSSION GROUPS

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2006 Summit on Arabic and Chinese Handwriting

September 27-28, 2006

Samuel Riggs IV, Alumni Center
University of Maryland
College Park, Maryland 20742