2009 Conference on Applied Research in Information Technology
Sponsored by ALAR, the Acxiom Laboratory for Applied Research
University of Central Arkansas - Brewer-Hegeman Conference Center
Friday, February 13, 2009
CONFERENCE SCHEDULE SUMMARY

8:15–9:00	**Registration** (Lobby area) Morning Refreshments			
Time	**Room 4A (TRACK A)**	**Room 4B (TRACK B)**	**Room 1 (TRACK C)**	**Room 5A&B**
9:00–10:20	• Conference Welcome: **Dr. Lance Grahn**, Provost, University of Central Arkansas • Keynote Introduction: **Chad Fitz, Dr.Terry Talley**, Co-Directors, Acxiom Laboratory for Applied Research • Keynote Address: **Michael Jortberg**, Acxiom Identity Solutions, *Student Identity Verification and Academic Integrity for Distance Education*			Programming Contest **Keith Jones** Director * * * *
10:20–10:50	**Break**			*
10:50-12:00 Parallel Sessions 1	Chair: **John Talburt** • *Layout Inference: Using Content Type Domains to Infer Record Structure:* **R. Phillips, W. Li, C. Thompson, G. Beavers, J. Loghry, D. Nash** • *Towards a Domain Specific Modeling Language for Workflow Specification--Intent Interface and Future Directions*: **W. Deneke, W. Li, C. Thompson, D. Nash, J. Stires**	Chair: **Jollean Sinclair** • *Teaching High Performance Computing to Non-Computing Science & Engineering Students*: **L. Ngo, A. Apon** • *The Unification of Service Discovery in Service Oriented Architectures:* **M. Talley**	Chair: **Dwayne Collins** • *A Grid Based Transitive Closure Solution and Online Service Prototype*: **D. Hayes, J. Baran, W. Li, C. Porter, T. Schweiger** • *AHSCAN: Agglomerative Hierarchical Structural Clustering Algorithm for Networks*: **N. Yuruk, M. Mete, X. Xu, T. Schweiger**	*
12:00-12:10	**Break:** Pickup Lunch Box and Drink			*
12:10–1:20 Parallel Sessions 2 (Lunch Sessions)	Chair: **Farhed Moeeni** **John Lund, Jr.**, Bentonville International Group, *RFID: Finding the Facts (Truths vs. Myths)*	Chair: **Amy Apon** Birds-of-a-Feather, *Arkansas High-Performance Computing Consortium*	Chair: **Allison Nicholas** **Paul Montrose**, Acxiom Security Team, *An Overview of Security: How to know if you have succeeded or failed*	*
1:20-1:30	**Break**			*
1:30–2:40 Parallel Sessions 3	Chair: **Chia-Chu Chiang** • *Personal Name-Based Pattern and Phonetic Matching Techniques:A Survey:* **C. Varol, C. Bayrak** • *Application of Similarity-Based Clustering to Entity Resolution*: **T. Schweiger**	Chair: **Ningning Wu** • *New Rate-Complexity Modeling for H.264/AVC Video Compression* **X. Yin, Y. Sun** • *Characterizing Low Level VM Performance in Scientific Applications:* **W. Emeneker, A. Apon**	Chair: **Wing Ning Li** • *Evaluation of Methods Used for Measuring Individual Performance on Group Projects:* **P. Young** • *Using System Z and Cell/Be to Accelerate an Image Stitching Application* **S. Malladi, H. Bui, A. Apon, J. Cothren, D. Douglas, C. Thompson**	*
2:40–2:50	**Break**			*
2:50–4:00 Parallel Sessions 4	Chair: **Vamsi Paruchuri** • *Entropy Studies of Software Market Evolution* **L. Yu, S. Ramaswamy, R. Lenin** • *Error Estimates in an RFID-Based Location Sensing Algorithm* **F. Moeeni, C. Chiang**	Chair: **John Talburt** • *Data Mining of Leukemia Cells Using Self-Organized Maps* **Dr. R. Segall, Ryan M. Pierce** • *Data Mining of Mouse Genome Data* **R. Segall, Q. Zhang**	Chair: **Doug Hoffman** • *Modeling Healthcare in a Virtual World (Video Demonstration)* **C. Bailey** • *A Virtual World Social Network Crawler:* **J. Eno, C. Thompson, S. Gauch**	*
4:30 pm	**Programming Contest Award Ceremony**			