

>>October 2004

1) Journal papers

2004/10 (Vision and Media Computing)

S. Vallerand, M. Kanbara, and N. Yokoya:

" Optimization of the geometric registration by 2D position correction for binocular augmented reality systems",

Canadian Journal of Electrical and Computer Engineering, Vol. 29, No. 4, pp. 255-259, Oct. 2004.

2004/10 (Computational Linguistics)

下畑光夫, 隅田英一郎, 松本裕治, " 発話を対象とした類似文検索と機械翻訳への適用," 自然言語処理, Vol.11, No.4, pp.105-126, October 2004.

2004/10 (Computational Linguistics)

山田寛康, 松本裕治, "Support Vector Machine を用いた決定性情報型依存構造解析", 情報処理学会論文誌, Vol.45, No.10, pp.2416-2427, October 2004.

2004/10 (Computational Linguistics)

乾健太郎, 藤田篤. "言い換え技術に関する研究動向". 自然言語処理, Vol. 11, No. 5, pp. 151-198, 2004.10.

2004/10 (Internet Engineering)

下條敏男, 衛藤将史, 門林雄基: "ポリシによる複数ファイアウォールの一括設定方式の提案と実装",

電子情報通信学会論文誌, Vol.J87-B, No.10, pp.1616--1625, 2004 年 10 月.

2) International conferences/Workshops

2004/10 (Systems and Control)

Akira Kurosaki, Hiroaki Kosaka, Hirokazu Nishitani: Knowledge management in plant operation Asian Pacific Confederation of Chemical Engineering, 1P-10-001 pp.1-6, Oct.2004.

2004/10 (Systems and Control)

Xiwei Liu, Hiroaki Kosaka, Hirokazu Nishitani: Simulation environment for adaptive aiding in plant operations, Asian Pacific Confederation of Chemical Engineering, 3E-08 pp.1-10, Oct.2004.

2004/10 (Systems and Control)

Yanbin Pang, Hirokazu Nishitani: Stability of fieldbus control system, Asian Pacific Confederation of Chemical Engineering, 3E-12, pp.1-10, Oct.2004.

2004/10 (Systems and Control)

Masaru Noda, Takuya Matsumoto, Shinji Hasebe: Process Synthesis of Fuel Cell Systems Considering Rapid Start-up Operation, Asian Pacific Confederation of Chemical Engineering, 3E-09, pp.1-10, Oct.2004.

2004/10 (Systems and Control)

Masaru Noda, Osamu Tonomura, Manabu Kano, Shinji Hasebe: Systematic Approach for Thermal-Fluid Design of Microreactors Asian Pacific Confederation of Chemical Engineering, 4B-08, pp.1-8, Kitakyushu-Japan, Oct. 17-21, 2004

2004/10 (Systems and Control)

Osamu Tonomura, Masaru Noda, Manabu Kano, Shinji Hasebe: Optimal Design Approach For Microreactors With Uniform Residence Time Distribution, Asian Pacific Confederation of Chemical Engineering, 4B-07, pp.1-10, Oct.2004.

2004/10 (Systems and Control)

Toku Fujioka, Osamu Tonomura, Manabu Kano, Masaru Noda: Shinji Hasebe Development of Micro Chemical Process Simulator, Asian Pacific Confederation of Chemical Engineering, 4B-06, pp.-1-9, Oct.2004.

2004/10 (Vision and Media Computing · Robotics)

M. Kanbara, R. Tenmoku, T. Ogawa, T. Machida, M. Koeda, Y. Matsumoto, K. Kiyokawa, H. Takemura, T. Ogasawara , and N. Yokoya: " Nara palace site navigator: A wearable tour guide system based on augmented reality ", Proc. 3rd CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Wearable Information Playing, pp. 7-14, Oct. 2004.

2004/10 (Vision and Media Computing)

R. Tenmoku, M. Kanbara, and N. Yokoya: " A positioning method combining specification of users absolute position and dead reckoning for wearable augmented reality system", Proc. 3rd CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Wearable Information Playing, pp. 19-22, Oct.2004.

2004/10 (Vision and Media Computing)

Y. Nakazato, M. Kanbara, and N. Yokoya: Discreet markers for user localization, Proc.

8th Int. Symp. on Wearable Computers (ISWC2004), pp.172-173, Oct.2004.

2004/10 (Artificial Intelligence)

T. Kawamura, T. Amagasa, K. Hatano, K. Hisazumi, K. Kono, S. Murata, T. Ueoka, N. Ukita, J. Miyazaki, T. Nakanishi, A. Fukuda, S. Uemura, and M. Kidode: What is Augmented Memory? -Concept, Design, and Technology-, The 3D CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Wearable Information Playing, Oct. 2004.

2004/10 (Artificial Intelligence)

N. Ukita and M. Kidode: Wearable Virtual Tablet: Vision-Based Information Input System for Wearable Computing, The 3D CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Wearable Information Playing, Oct. 2004

2004/10 (Communications)

Khoirul Anwar, A.U. Priantoro, Masato Saito, Takao Hara, Minoru Okada and Heiichi Yamamoto. "On the PAPR reduction for wavelet based transmultiplexer," International Symposium on Communications and Information Technologies (ISCIT) 2004, pp.812-815, October 2004.

2004/10 (Computational Linguistics)

Mitsuo Shimohata, Eiichiro Sumita, Yuji Matsumoto, "Method for Retrieving a Similar Sentence and Its Application to Machine Translation", Proceedings of the 10th International Conference on Theoretical and Methodological Issues in Machine Translation, October 2004.

2004/10 (Image Processing)

M. Sakata, H. Sasaki, M. Imura, Y. Yasumuro, Y. Manabe, and K.Chihara "Active IR-Tag User Location System for MR Collaborative Environment", The 3rd CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Wearable Information Playing, pp.90-93, October 2004.

2004/10 (Image Processing)

H. Sasaki, M. Sakata, M. Imura, Y. Yasumuro, Y. Manabe, and K. Chihara, "Hands-Free User Interface for Seamless Collaborative Works in Shared MR Space," The 3rd CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Wearable Information Playing, pp.84-89, October 2004.

2004/10 (Speech and Acoustics · Image Processing)

Y.Manabe, H.Saruwatari, M.Sakata, T.Takatani, Y.Yasumuro, M.Imura, K.Shikano, K.Chihara: Wearable Computing for Virtualizing Real Space, 3rd CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Weearable Information Playing, pp.75-83, October 2004.

2004/10 (Speech and Acoustics)

Shinichi Yoshizawa, Kiyohiro Shikano, "Rapid EM Training based on Model-Integration," Proceedings of 8th International Conference on Spoken Language Processing (ICSLP2004), TuC2101p-2, vol.I, pp.649-652, October 2004.

2004/10 (Speech and Acoustics)

Panikos Heracleous, Yoshitaka Nakajima, Akinobu Lee, Hiroshi Saruwatari, Kiyohiro Shikano, "Non-Audible Murmur (NAM) Speech Recognition Using a Stethoscopic NAM Microphone," Proceedings of 8th International Conference on Spoken Language Processing (ICSLP2004), WeC2102p-6, vol.II, pp.1469-1472, October 2004.

2004/10 (Speech and Acoustics)

Randy Gomez, Akinobu Lee, Hiroshi Saruwatari, Kiyohiro Shikano, " Robust Speech Recognition with Spectral Subtraction in Low SNR," Proceedings of 8th International Conference on Spoken Language Processing (ICSLP2004), ThB1702p-10, vol.III, pp.2077-2080, October 2004.

2004/10 (Speech and Acoustics)

Tatsunori Asai, Shigeki Miyabe, Hiroshi Saruwatari, Kiyohiro Shikano, " Interface For Barge-in Free Spoken Dialogue System Using Adaptive Sound Field Control," Proceedings of 8th International Conference on Spoken Language Processing (ICSLP2004), FrA1502p-9, vol.IV, pp.2665-2668, October 2004.

2004/10 (Speech and Acoustics)

Tatsuya Kawahara, Akinobu Lee, Kazuya Takeda, Katsunobu Itou, Kiyohiro Shikano, "Recent Progress of Open-Source LVCSR Engine Julius and Japanese Model Repository," Proceedings of 8th International Conference on Spoken Language Processing (ICSLP2004), Spec4402p-6, vol.IV, pp.3069-3072, October 2004.

2004/10 (Speech and Acoustics)

Akinobu Lee, Keisuke Nakamura, Ryuichi Nisimura, Hiroshi Saruwatari, Kiyohiro

Shikano, "Noice Robust Real World Spoken Dialogue System using GMM Based Rejection of Unintended Inputs," Proceedings of 8th International Conference on Spoken Language Processing (ICSLP2004), TuA1302p-2, Vol.I, pp.173-176, October 2004.

2004/10 (Speech and Acoustics)

T.Takatani, S.Ukai, H.Saruwatari, K.Shikano: Blind Sound Scene Decomposition for Audio Vertual Reality, 3rd CREST/ISWC Workshop on Advanced Computing and Communicating Techniques for Weaable Information Playing pp.95-98, October 2004.

2004/10 (Software Engineering)

Haruaki Tamada, Keiji Okamoto, Masahide Nakamura, Akito Monden, and Ken-ichi Matsumoto, "Dynamic software birthmarks to detect the theft of Windows applications," International Symposium on Future Software Technology 2004 (ISFST 2004), CD-ROM, Xi'an, China, Oct. 2004.