

>>April 2005

1) Journal papers

(Internet Engineering)

V. Visoottiviseth, H. Kido, K. Iida, Y. Kadobayashi, and S. Yamaguchi, "Performance Study and Deployment Strategies on the Sender-Initiated Multicast", Special issue on Internet Technology V, IEICE Trans. on Commun, Vol.E88-B, no.4, pp.1383-1394, April 2005,

(Communications)

長井 則和, 高柳 英晃, 齋藤 将人, 岡田 実, 山本 平一, "アレーアンテナにより移動体の移動速度を推定しドップラースプレッドを補償する地上波デジタル放送受信機," 電子情報通信学会和文論文誌 B, J88-B, 4, pp.741-750, April 2005.

(Software Engineering)

Shinji Uchida, Akito Monden, Naoki Ohsugi, Toshihiro Kamiya, Ken-ichi Matsumoto, Hideo Kudo, "Software analysis by code clones in open source software," XLV, 3, pp.1-11, April 2005.

梶田 秀夫, 小川 剛史, 齊藤 明紀, 中村 匡秀, 近藤 弘一, 中西 通雄, "教育用計算機システムにおけるプリンタシステムに求められる要求とその実装" Vol.46, No.4 pp.930-939, April 2005.

(Robotics)

池田 篤俊, 栗田 雄一, 上田 淳, 松本 吉央, 小笠原 司: "初期滑り時の接触面偏心度に基づく弾性体の把持力制御", 日本ロボット学会, 日本ロボット学会誌, Vol.23, No.3, pp.65-71, April 2005.

(Computational Linguistics)

工藤拓, 松本裕治, "相対的な係りやすさを考慮した日本語係り受け解析モデル," 情報処理学会論文誌, Vol.46, No.4, pp.1082-1092, April 2005.

(Image Processing)

Yoshihiro Yasumuro, Agus Prayitono, Kazuhiro Kohyama, Masataka Imura, Yoshitsugu Manabe, Osamu Oshiro, Kunihiro Chihara: Projection-Based Assistance for Ultrasonic Diagnosis, IEEJ Trans. SM, Vol.125, No.4, pp.176-181, April 2005.

Mika Naganawa, Yuichi Kimura, Tadashi Nariai, Kenji Ishii, Keiichi Oda, Yoshitsugu Manabe, Kunihiro Chihara, Kiichi Ishiwata: Omission of serial arterial blood sampling in

neuroreceptor imaging with independent component analysis, *NeuroImage*, Vol.26, pp.885-890, April 2005.

2) International conferences/Workshops

(Vision and Media Computing)

K. Fujikawa, K. Yamazawa, T. Ishikawa, Y. Butsuen, T. Sato, Y. Nakamura, H. Sunahara, and N. Yokoya:

"A networked telepresence system for cars and its transmission issue", Proc. 11th Annual Euromedia Conference 2005, pp. 119-123, April 2005.

(Computer Design and Test)

Patrick Girard, Tomokazu Yoneda, Hideo Fujiwara and Yannick Bonhomme, "Test application time reduction with a dynamically reconfigurable scan tree architecture", 8th IEEE Workshop on Design and Diagnostics of Electronic Circuits and Systems (DDECS'05), pp.19-26, April 2005.

Mariane Comte, Satoshi Ohtake, Hideo Fujiwara, Michel Renovell, "Electrical behavior of GOS faults in domino logic," The 8th IEEE Workshop on Design and Diagnostics of Electronic Circuits and Systems (DDECS), pp.210-215, April 2005.

(Systems and Control)

Akira Kurosaki, Wai Cheong Choy, Hiroaki Kosaka, Hirokazu Nishitani, "Driver's Degree of Dependence on Collision Avoidance System," SAE Congress 2005, Human Factors in Driving and Telematics, and Seating Comfort, pp.85-92, Detroit, Michigan, USA, Apr. 11-15, 2005.

Osamu Tonomura, Manabu Kano, Shinji Hasebe, Masru Noda, "Optimal design approach for microreactors with desired temperature, concentration and residence time distributions," Proceedings of AIChE 2005 Spring National Meeting (IMRET8), Atlanta, GA, USA, April 10-14, 2005.

Hiroaki Kosaka, Hiroki Koyama, Hirokazu Nishitani, "Analysis of Driver's Behavior From Heart Rate and Eye Movement When He/She Causes an Accident Between Cars at an Intersection," SAE Congress 2005, Human Factors in Driving and Telematics, and Seating Comfort, pp.93-98, Detroit, Michigan, USA, Apr. 11-15, 2005

(Speech and Acoustics)

Hiroshi Saruwatari, Katsuyuki Sawai, Tsuyoki Nishikawa, Akinobu Lee, Kiyohiro

Shikano, Atsunobu Kaminuma, Masao Sakata, Daisuke Saitoh, "Speech Enhancement Based on Blind Source Separation in Car Environments,"
Proc. of International Workshop on Realworld Multimedia Corpora in Mobile Environment (RWCinME2005), pp.33--40, April 2005 (Invited Talk).

(Robotics)

Yuichi Kurita, Kazuyuki Nagata, Jun Ueda, Yoshio Matsumoto, and Tsukasa Ogasawara : "CPG-Based Manipulation: Adaptive Switchings of Grasping Fingers by Joint Angle Feedback", Proceedings of the 2005 IEEE International Conference on Robotics and Automation (ICRA 2005), pp.2528-2533, April 2005.

Jun Ueda, Yutaka Ishida, Masahiro Kondo, Tsukasa Ogasawara : " Development of the NAIST-Hand with Vision-based Tactile Fingertip Sensor", Proceedings of the 2005 IEEE International Conference on Robotics and Automation (ICRA 2005), pp.2343-2348, April 2005.

Kentaro Takemura, Yoshio Matsumoto, Tsukasa Ogasawara : "Estimation of Focus of Attention of Multiple People for Video Conferencing", Extended Abstract of ACM Conference on Human Factors in Computing Systems (CHI2005), April 2005.

(Image Processing)

Yoshitsugu Manabe, Ryuichi Yamazaki, Yoshihiro Yasumuro, Kunihiro Chihara: Three-Dimensional Map Generating System by a Walk, 5th IASTED International Conference Visualization, Imaging, and Image Processing, 480-810, pp.715-720 Benidorm, Spain, April 2005.

Mika Naganawa, Yasushi Masuda, Hiroshi Sasaki, Takatoshi Suenaga, Akira Yutani, Muneyuki Sakata, Yoshihiro Yasumuro, Masataka Imura, Yoshitsugu Manabe, Osamu Oshiro, Kunihiro Chihara: Ubiquitous tele-echography system -downsized wearable ultrasound probe with distributed processors and displays-, 8th Japanese-Polish Seminar on New Engineering Methods Supporting Human Life, pp. 56 Yokohama, Japan, April 2005.

Yuichi Kimura, Mika Naganawa: Imaging Detailed Glucose Metabolism in the Brain Using MAP Estimation in Positron Emission Tomography, 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 6.5.1-1, 743.pdf (CD-ROM) Shanghai, China, April 2005.

Mika Naganawa, Sayuri Sawa, Muneyuki Sakata, Yoshihiro Yasumuro, Masataka Imura, Yoshitsugu Manabe, Kunihiro Chihara: 3D Imaging System for Visualizing and Monitoring Patients, 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 7.4.3-10, 2083.pdf (CD-ROM) Shanghai, China, April 2005.

Mika Naganawa, Yuichi Kimura, Yoshitsugu Manabe, Kunihiro Chihara: Practical Consideration about Cost Functions of Spatial Independent Component Analysis in Medical Image Processing, 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1.1.4-4, 407.pdf (CD-ROM) Shanghai, China, April 2005.