

Contributor Index (Vol. 7)

Frontispiece

- Akiyama, M.** (see Ninomiya, N.), Vol.7, No. 4 (2004) 269
- Andreopoulos, Y.** (see Xanthos, S. S.), Vol.7, No. 3 (2004) 174
- Aoyagi, Y., Asaumi, Y., Kunishima, E., Harada, A., Morita, A., Seko, T.** Visualized Analysis of Diesel Combustion Under the High Boosting Engine Condition, Vol.7, No. 3 (2004) 176
- Ardebili, M.** (see Xanthos, S. S.), Vol.7, No. 3 (2004) 174
- Asaumi, Y.** (see Aoyagi, Y.), Vol.7, No. 3 (2004) 176
- Blades, E.** (see Ziegeler, S. B.), Vol.7, No. 1 (2004) 3
- Brigmon, R. L.** (see Calloway Jr. T. B.), Vol.7, No. 2 (2004) 108
- Bush, J. W. M.** (see Franklin, T.), Vol.7, No. 3 (2004) 175
- Calloway Jr. T. B., Brigmon, R. L., Daniel, W. E., Eibling, R. E.** Laser Scanning Confocal Microscopic Investigations of Simulated Nuclear Waste Structures , Vol.7, No. 2 (2004) 108
- Cen, K. F.** (see Luo, K.), Vol.7, No. 2 (2004) 110
- Cen, K. F.** (see Zheng, S. H.), Vol.7, No. 3 (2004) 177
- Cen, K. F.** (see Li, W. C.), Vol.7, No. 4 (2004) 267
- Daniel, W. E.** (see Calloway Jr. T. B.), Vol.7, No. 2 (2004) 108
- Davoudzadeh, F., Liu, N. S.** Mach Number Distribution and Plume Direction Prediction of a Rocket Thruster Operating at Four Different Combustion Chamber Pressures , Vol.7, No. 1 (2004) 7
- Davoudzadeh, F., Liu, N. S.** Numerical Simulation of Shock Waves and their Interaction in a Supersonic Rocket Engine Operating at Different Conditions, Vol.7, No. 2 (2004) 106
- Davoudzadeh, F., Liu, N. S.** Computational Fluid Dynamics Simulation of a Supersonic Rocket Thruster Flow Compared with Experimental Data, Vol.7, No. 3 (2004) 173
- Du, B.** (see Fan, L. S.), Vol.7, No. 1 (2004) 5
- Eibling, R. E.** (see Calloway Jr. T. B.), Vol.7, No. 2 (2004) 108
- Fan, J. R.** (see Luo, K.), Vol.7, No. 2 (2004) 110
- Fan, J. R.** (see Zheng, S. H.), Vol.7, No. 3 (2004) 177
- Fan, J. R.** (see Li, W. C.), Vol.7, No. 4 (2004) 267
- Fan, J. R.** (see Zheng, Y. Q.), Vol.7, No. 4 (2004) 270
- Fan, L. S., Warsito, W., Du, B.** Electrical Capacitance Tomography Imaging of Gas-Solid and Gas-Liquid-Solid Fluidized Bed Systems , Vol.7, No. 1 (2004) 5
- Franklin, T., Rinaldi, C., Bush, J. W. M., Zahn, M.** Deformation of Ferrofluid Sheets Due an Applied Magnetic Field Transverse to Jet Flow, Vol.7, No. 3 (2004) 175
- Gehrmann, S., Höhne, K. H., Linhart, W., Pommert, A., Tiede, U., Yarar, S.** A Detailed 3D Model of the Human Hand, Vol.7, No. 4 (2004) 271
- Gopal, G. P.** (see Ziegeler, S. B.), Vol.7, No. 1 (2004) 3
- Guan, Y.** (see Ziegeler, S. B.), Vol.7, No. 1 (2004) 3
- Gunarjo, S. B.** (see Kenjeres, S.), Vol.7, No. 4 (2004) 268
- Hanjalic, K.** (see Kenjeres, S.), Vol.7, No. 1 (2004) 6
- Hanjalic, K.** (see Kenjeres, S.), Vol.7, No. 2 (2004) 105
- Hanjalic, K.** (see Kenjeres, S.), Vol.7, No. 4 (2004) 268
- Harada, A.** (see Aoyagi, Y.), Vol.7, No. 3 (2004) 176
- Höhne, K. H.** (see Gehrmann, S.), Vol.7, No. 4 (2004) 271
- Iwabuchi, H., Tsuboki, K.** Camera visualization of cloud fields simulated by non-hydrostatic atmospheric models, Vol.7, No. 4 (2004) 272
- Katakami, A.** (see Ninomiya, N.), Vol.7, No. 4 (2004) 269
- Kenjeres, S., Gunarjo, S. B., Hanjalic, K.** Visualization of air flow and smoke spreading for realistic indoor-climate situations, Vol.7, No. 4 (2004) 268
- Kenjeres, S., Hanjalic, K.** Visualization of Turbulence Structures Reorganization in Thermal Convection Subjected to External Magnetic Field, Vol.7, No. 1 (2004) 6
- Kenjeres, S., Hanjalic, K.** Large Eddy Simulations of Turbulent Thermal Convection at High Rayleigh Number, Vol.7, No. 2 (2004) 105
- Kiwata, T., Okajima, A.** Flow Visualization of Coaxial Jet Excited with Varying Phase Differences, Vol.7, No. 1 (2004) 4
- Kunishima, E.** (see Aoyagi, Y.), Vol.7, No. 3 (2004) 176
- Li, W. C., Fan, J. R., Luo, K., Cen, K. F.** Evolution of Coherent Vortex Structures in the two-dimensional Mixing Layer, Vol.7, No. 4 (2004) 267
- Linhart, W.** (see Gehrmann, S.), Vol.7, No. 4 (2004) 271
- Liu, N. S.** (see Davoudzadeh, F.), Vol.7, No. 1 (2004) 7
- Liu, N. S.** (see Davoudzadeh, F.), Vol.7, No. 2 (2004) 106
- Liu, N. S.** (see Davoudzadeh, F.), Vol.7, No. 3 (2004) 173
- Lorenz, C., Rinaldi, C., Zahn, M.** Hele-Shaw Ferrohydrodynamics for Simultaneous In-plane Rotating and Vertical DC Magnetic Fields, Vol.7, No. 2 (2004) 109
- Luo, K.** (see Zheng, S. H.), Vol.7, No. 3 (2004) 177
- Luo, K.** (see Li, W. C.), Vol.7, No. 4 (2004) 267
- Luo, K., Fan, J. R., Cen, K. F.** Flow Visualization of the Turbulent Jet by Direct Numerical Simulation, Vol.7, No. 2 (2004) 110
- Marcum, D. L.** (see Ziegeler, S. B.), Vol.7, No. 1 (2004) 3
- Mittal, S.** (see Singh, S. P.), Vol.7, No. 2 (2004) 107
- Moorhead, R. J.** (see Ziegeler, S. B.), Vol.7, No. 1 (2004) 3
- Morita, A.** (see Aoyagi, Y.), Vol.7, No. 3 (2004) 176
- Ninomiya, N., Akiyama, M., Sugiyama, H., Katakami, A.** Visualization of High Speed Air Flow by the Spark Tracing Method with Radiant Trail , Vol.7, No. 4 (2004) 269
- Okajima, A.** (see Kiwata, T.), Vol.7, No. 1 (2004) 4
- Pommert, A.** (see Gehrmann, S.), Vol.7, No. 4 (2004) 271
- Rinaldi, C.** (see Lorenz, C.), Vol.7, No. 2 (2004) 109
- Rinaldi, C.** (see Franklin, T.), Vol.7, No. 3 (2004) 175
- Rinaldi, C., Zahn, M.** Ferrohydrodynamic Instabilities in DC Magnetic Fields , Vol.7, No. 1 (2004) 8
- Seko, T.** (see Aoyagi, Y.), Vol.7, No. 3 (2004) 176
- Shao, X. M.** (see Zheng, S. H.), Vol.7, No. 3 (2004) 177
- Singh, S. P., Mittal, S.** Role of shear layer instability in the transition of boundary layer on a bluff body, Vol.7, No. 2 (2004) 107
- Sugiyama, H.** (see Ninomiya, N.), Vol.7, No. 4 (2004) 269
- Tanahashi, T.** (see Yasuda, S.), Vol.7, No. 3 (2004) 178
- Tiede, U.** (see Gehrmann, S.), Vol.7, No. 4 (2004) 271
- Tsuboki, K.** (see Iwabuchi, H.), Vol.7, No. 4 (2004) 272
- Warsito, W.** (see Fan, L. S.), Vol.7, No. 1 (2004) 5
- Wu, P.** (see Zheng, Y. Q.), Vol.7, No. 4 (2004) 270
- Xanthos, S. S., Ardebili, M., Andreopoulos, Y.** Boundary Layer Separation Induced by Successive Favorable and Adverse Pressure Gradients, Vol.7, No. 3 (2004) 174
- Yarar, S.** (see Gehrmann, S.), Vol.7, No. 4 (2004) 271
- Yasuda, S., Yonetsu, H., Tanahashi, T.** Breaking Droplet in a Shear Flow, Vol.7, No. 3 (2004) 178
- Yonetsu, H.** (see Yasuda, S.), Vol.7, No. 3 (2004) 178
- Zahn, M.** (see Rinaldi, C.), Vol.7, No. 1 (2004) 8
- Zahn, M.** (see Lorenz, C.), Vol.7, No. 2 (2004) 109
- Zahn, M.** (see Franklin, T.), Vol.7, No. 3 (2004) 175
- Zheng, S. H., Fan, J. R., Shao, X. M., Luo, K., Cen, K. F.** Coherent Structures of the Particle-laden Turbulent Round Jet at Different Reynolds Number, Vol.7, No. 3 (2004) 177
- Zheng, Y. Q., Fan, J. R., Wu, P.** Visualization of Particle Dispersion by Vortex Structures with Direct Numerical Simulation, Vol.7, No. 4 (2004) 270
- Ziegeler, S. B., Gopal, G. P., Blades, E., Moorhead, R. J., Marcum, D. L., Guan, Y.** Visualization of Fluid Flows in Virtual Environments, Vol.7, No. 1 (2004) 3

Paper

- Affeld, K.** (see Goubergrits, L.), Vol.7, No. 3 (2004) 233-240
- Akuto, T.** (see Nashimoto, A.), Vol.7, No. 1 (2004) 85-92
- Albe, F.** (see Desse, J. M.), Vol.7, No. 3 (2004) 217-224
- Alves de Sousa, Y.** (see Desevaux, P.), Vol.7, No. 3 (2004) 249-256
- Aoki, K.** (see Shimada, K.), Vol.7, No. 1 (2004) 63-75
- Aoki, K.** (see Nakayama, Y.), Vol.7, No. 4 (2004) 349-356
- Balachandar, R.** (see Rao, S. K.), Vol.7, No. 3 (2004) 187-199
- Brunette, J., Mongrain, R., Tardif, J. C.** A Realistic Coronary Artery phantom for Particle Image Velocimetry: Featuring Injection-Molded Inclusions and Multiple Layers, Vol.7, No. 3 (2004) 241-248
- Carlomagno, G. M.** The 7th International Symposium on Fluid Control, Measurement and Visualization, Vol.7, No. 2 (2004) 167-170
- Chashechkin, Yu. D., Mitkin, V. V.** A Visual Study on Flow Pattern Around the Strip Moving Uniformly in a Continuously Stratified Fluid, Vol.7, No. 2 (2004) 127-134
- Chinone, S., Fujisawa, N.** Visualization of dilute hydrogen jet flame in air flow, Vol.7, No. 4 (2004) 291-298
- Cho, T.** (see Cho,Y.), Vol.7, No. 1 (2004) 43-54
- Cho,Y., Kim, J. H., Cho, T., Moon, I., Yoon, Y., Lee, C.** Analysis of Turbulent Premixed Flame Structure using Simultaneous PIV-OH PLIF, Vol.7, No. 1 (2004) 43-54
- Chung, S. H.** (see Lee, S. M.), Vol.7, No. 2 (2004) 159-166
- Daichin, Lee, S. J.** POD Analysis of Near-wake Structures of an Elliptic Cylinder Adjacent to a Free Surface, Vol.7, No. 3 (2004) 179-186
- Desevaux, P., Mellal, A., Alves de Sousa, Y.** Visualization of Secondary Flow Choking Phenomena in a Supersonic Air Ejector, Vol.7, No. 3 (2004) 249-256
- Desse, J. M., Albe, F., Tribillon, J. L.** Real-time color holographic interferometry devoted to 2D unsteady wake flows, Vol.7, No. 3 (2004) 217-224
- Di Felice, F.** (see Felli, M.), Vol.7, No. 1 (2004) 77-84
- Felli, M., Di Felice, F.** Analysis of the Propeller-hull Interaction by LDV Phase Sampling Techniques, Vol.7, No. 1 (2004) 77-84
- Fujisawa, N.** (see Nashimoto, A.), Vol.7, No. 1 (2004) 85-92
- Fujisawa, N.** (see Chinone, S.), Vol.7, No. 4 (2004) 291-298
- Fujisawa, N., Nakamura, K., Srinivas, K.** Interaction of Two Parallel Plane Jets of Different Velocities, Vol.7, No. 2 (2004) 135-142
- Fujiwara, S.** (see Shwe Maw, W.), Vol.7, No. 2 (2004) 119-126
- Goubergrits, L., Petz, Ch., Stalling, D., Spuler, A., Affeld, K.** Experimental and Numerical Dye Washout Flow Visualization: Flow analysis in the realistic model of pathologic artery enlargement (aneurysm), Vol.7, No. 3 (2004) 233-240
- Guo, L. D., Zhang, L.** The Development of the Technique of Computer Simulating Color-Schlieren, Vol.7, No. 3 (2004) 225-232
- Gushchin, V. A., Kostomarov, A. V., Matyushin, P. V.** 3D Visualization of the Separated Fluid Flows, Vol.7, No. 2 (2004) 143-150
- Haramoto, Y.** (see Matsuzaki, K.), Vol.7, No. 4 (2004) 309-316
- Haw, J. R.** (see Kim, S. K.), Vol.7, No. 4 (2004) 341-348
- Hibara, H.** (see Shimada, N.), Vol.7, No. 4 (2004) 281-289
- Hosotani, K.** (see Kohno, J.), Vol.7, No. 4 (2004) 331-340
- Hu, H., Saga, T., Kobayashi, T., Taniguchi, N.** Analysis of a Turbulent Jet Mixing Flow by Using a PIV-PLIF Combined System, Vol.7, No. 1 (2004) 33-42
- Hwang, J. Y.** (see Lee, S. M.), Vol.7, No. 2 (2004) 159-166
- Ichikawa, S.** (see Shimada, K.), Vol.7, No. 1 (2004) 63-75
- Inoue, Y.** (see Shrestha, M. L.), Vol.7, No. 4 (2004) 317-329
- Ishibashi, Y.** (see Shimada, N.), Vol.7, No. 4 (2004) 281-289
- Kaga, A.** (see Shrestha, M. L.), Vol.7, No. 4 (2004) 317-329
- Kihm, K. D.** (see Kim, M. J.), Vol.7, No. 2 (2004) 111-118
- Kikukawa, H.** (see Kohno, J.), Vol.7, No. 4 (2004) 331-340
- Kim, J. H.** (see Cho,Y.), Vol.7, No. 1 (2004) 43-54
- Kim, M. J., Kihm, K. D.** Microscopic PIV Measurements for Electro-osmotic Flows in PDMS Microchannels, Vol.7, No. 2 (2004) 111-118
- Kim, S. K., Haw, J. R.** An investigation on airflow in pathological nasal airway by PIV, Vol.7, No. 4 (2004) 341-348
- Kim, W., Sung, J., Yoo, J. Y., Lee, M. H.** High-definition PIV Analysis on Vortex Shedding in the Cylinder Wake, Vol.7, No. 1 (2004) 17-24
- Kimura, K.** (see Shimada, K.), Vol.7, No. 1 (2004) 63-75
- Kobayashi, T.** (see Hu, H.), Vol.7, No. 1 (2004) 33-42
- Kohno, J., Hosotani, K., Ono, Y., Kikukawa, H.** Warm Ocean Water Intrusion into Kagoshima Bay, Vol.7, No. 4 (2004) 331-340
- Kondo, A.** (see Shrestha, M. L.), Vol.7, No. 4 (2004) 317-329
- Kondo, M.** (see Mori, H.), Vol.7, No. 1 (2004) 55-62
- Kostomarov, A. V.** (see Gushchin, V. A.), Vol.7, No. 2 (2004) 143-150
- Lee, C.** (see Cho,Y.), Vol.7, No. 1 (2004) 43-54
- Lee, M. H.** (see Kim, W.), Vol.7, No. 1 (2004) 17-24
- Lee, S. J.** (see Daichin), Vol.7, No. 3 (2004) 179-186
- Lee, S. J., Paik, B. G.** Stereoscopic PIV Measurements of Flow around a Marine Propeller, Vol.7, No. 1 (2004) 25-32
- Lee, S. M., Hwang, J. Y., Chung, S. H.** Tomographic Reconstruction of Asymmetric Soot Structure from Multi-angular Scanning, Vol.7, No. 2 (2004) 159-166
- Matsuzaki, K., Shingai, M., Haramoto, Y., Munekata, M., Ohba, H.** Visualization of Three-Dimensional Flow Structures in the Wake of an Inclined Circular Cylinder, Vol.7, No. 4 (2004) 309-316
- Matyushin, P. V.** (see Gushchin, V. A.), Vol.7, No. 2 (2004) 143-150
- Mellal, A.** (see Desevaux, P.), Vol.7, No. 3 (2004) 249-256
- Mi, J. C.** (see Xu, S. J.), Vol.7, No. 3 (2004) 201-208
- Mitkin, V. V.** (see Chashechkin, Yu. D.), Vol.7, No. 2 (2004) 127-134
- Mongrain, R.** (see Brunette, J.), Vol.7, No. 3 (2004) 241-248
- Moon, I.** (see Cho,Y.), Vol.7, No. 1 (2004) 43-54
- Mori, H., Niimi, T., Yoshida, M., Kondo, M., Oshima, Y.** Application of PSP to Low Density Gas Flows, Vol.7, No. 1 (2004) 55-62
- Moriyama, H., Tabei, Y.** Acoustic Characteristics inside Cylindrical Structure with End Plates Excited at Different Frequencies, Vol.7, No. 1 (2004) 93-101
- Munekata, M.** (see Matsuzaki, K.), Vol.7, No. 4 (2004) 309-316
- Nagase, Y.** (see Nashimoto, A.), Vol.7, No. 1 (2004) 85-92
- Nakamura, H.** (see Nishio, M.), Vol.7, No. 2 (2004) 151-158
- Nakamura, K.** (see Fujisawa, N.), Vol.7, No. 2 (2004) 135-142
- Nakayama, Y., Oki, M., Aoki, K., Takayama, S.** Jomon Pottery Observed from the Point of View of Fluid Mechanics: Did Jomon People Discover Twin and Kármán Vortices?, Vol.7, No. 4 (2004) 349-356
- Nashimoto, A., Fujisawa, N., Akuto, T., Nagase, Y.** Measurements of Aerodynamic Noise and Wake Flow Field in a Cooling Fan with Winglets, Vol.7, No. 1 (2004) 85-92
- Niimi, T.** (see Mori, H.), Vol.7, No. 1 (2004) 55-62
- Nishio, M., Sezaki, S., Nakamura, H.** Visualization of Flow Structure Around a Hypersonic Re-entry Capsule Using the Electrical Discharge Method, Vol.7, No. 2 (2004) 151-158
- Ogata, S.** (see Watanabe, K.), Vol.7, No. 4 (2004) 273-280
- Ohba, H.** (see Matsuzaki, K.), Vol.7, No. 4 (2004) 309-316
- Ohta, H.** (see Shimada, K.), Vol.7, No. 1 (2004) 63-75

- Okamoto, K.** (see Sugii, Y.), Vol.7, No. 1 (2004) 9-16
- Oki, M.** (see Yamagishi, Y.), Vol.7, No. 3 (2004) 209-216
- Oki, M.** (see Nakayama, Y.), Vol.7, No. 4 (2004) 349-356
- Ono, Y.** (see Kohno, J.), Vol.7, No. 4 (2004) 331-340
- Oshima, Y.** (see Mori, H.), Vol.7, No. 1 (2004) 55-62
- Paik, B. G.** (see Lee, S. J.), Vol.7, No. 1 (2004) 25-32
- Petz, Ch.** (see Goubergrits, L.), Vol.7, No. 3 (2004) 233-240
- Pradeep, A. M., Sullerey, R. K.** Detection of Separation in S-duct Diffusers using Shear Sensitive Liquid Crystals, Vol.7, No. 4 (2004) 299-307
- Rao, S. K., Sumner, D., Balachandar, R.** A Visualization Study of Fluid-Structure Interaction between a Circular Cylinder and a Channel Bed, Vol.7, No. 3 (2004) 187-199
- Saga, T.** (see Hu, H.), Vol.7, No. 1 (2004) 33-42
- Sapkota, B.** (see Shrestha, M. L.), Vol.7, No. 4 (2004) 317-329
- Sezaki, S.** (see Nishio, M.), Vol.7, No. 2 (2004) 151-158
- Shimada, K., Kimura, K., Ichikawa, S., Ohta, H., Aoki, K.** Phenomenon of Labyrinth Seal with Low Static Pressure Difference and Large Clearance (Analysis of the Internal Phenomenon with CFD), Vol.7, No. 1 (2004) 63-75
- Shimada, N., Hibara, H., Ishibashi, Y., Sumida, M., Sudo, K.** Analysis of Submerged Water Jets by Visualization Method: Flow Pattern and Self-Induced Vibration of Jet, Vol.7, No. 4 (2004) 281-289
- Shingai, M.** (see Matsuzaki, K.), Vol.7, No. 4 (2004) 309-316
- Shirakashi, M.** (see Shwe Maw, W.), Vol.7, No. 2 (2004) 119-126
- Shrestha, M. L., Kaga, A., Kondo, A., Inoue, Y., Sugisawa, M., Sapkota, B.** Simulation of Winter Air Pollution Dispersion Mechanism of Kathmandu Valley by Water-Tank Experiment, Vol.7, No. 4 (2004) 317-329
- Shwe Maw, W., Fujiwara, S., Takahashi, T., Shirakashi, M.** Effect of Elasticity of a Polymer Solution on the Hele-Shaw Flow, Vol.7, No. 2 (2004) 119-126
- Spuler, A.** (see Goubergrits, L.), Vol.7, No. 3 (2004) 233-240
- Srinivas, K.** (see Fujisawa, N.), Vol.7, No. 2 (2004) 135-142
- Stalling, D.** (see Goubergrits, L.), Vol.7, No. 3 (2004) 233-240
- Sudo, K.** (see Shimada, N.), Vol.7, No. 4 (2004) 281-289
- Sugii, Y., Okamoto, K.** Quantitative Visualization of Micro-Tube Flow Using Micro-PIV, Vol.7, No. 1 (2004) 9-16
- Sugisawa, M.** (see Shrestha, M. L.), Vol.7, No. 4 (2004) 317-329
- Sullerey, R. K.** (see Pradeep, A. M.), Vol.7, No. 4 (2004) 299-307
- Sumida, M.** (see Shimada, N.), Vol.7, No. 4 (2004) 281-289
- Sumner, D.** (see Rao, S. K.), Vol.7, No. 3 (2004) 187-199
- Sung, J.** (see Kim, W.), Vol.7, No. 1 (2004) 17-24
- Tabei, Y.** (see Moriyama, H.), Vol.7, No. 1 (2004) 93-101
- Takahashi, T.** (see Shwe Maw, W.), Vol.7, No. 2 (2004) 119-126
- Takayama, S.** (see Nakayama, Y.), Vol.7, No. 4 (2004) 349-356
- Takayama, T.** (see Watanabe, K.), Vol.7, No. 4 (2004) 273-280
- Taniguchi, N.** (see Hu, H.), Vol.7, No. 1 (2004) 33-42
- Tardif, J. C.** (see Brunette, J.), Vol.7, No. 3 (2004) 241-248
- Tribillon, J. L.** (see Desse, J. M.), Vol.7, No. 3 (2004) 217-224
- Watanabe, K., Takayama, T., Ogata, S.** Instability of Surfactant Solution Flow in a Taylor Cell, Vol.7, No. 4 (2004) 273-280
- Winoto, S. H.** The 7th Asian Symposium on Visualization, Vol.7, No. 3 (2004) 257-262
- Xu, S. J., Zhou, Y., Mi, J. C.** Flow visualization behind a streamwise oscillating cylinder and a stationary cylinder in tandem arrangement, Vol.7, No. 3 (2004) 201-208
- Yamagishi, Y., Oki, M.** Effect of Groove Shape on Flow Characteristics around a Circular Cylinder with Grooves, Vol.7, No. 3 (2004) 209-216
- Yoo, J. Y.** (see Kim, W.), Vol.7, No. 1 (2004) 17-24
- Yoon, Y.** (see Cho, Y.), Vol.7, No. 1 (2004) 43-54
- Yoshida, M.** (see Mori, H.), Vol.7, No. 1 (2004) 55-62
- Zhang, L.** (see Guo, L. D.), Vol.7, No. 3 (2004) 225-232
- Zhou, Y.** (see Xu, S. J.), Vol.7, No. 3 (2004) 201-208

Title Index (Vol. 7)

Frontispiece

A Detailed 3D Model of the Human Hand.

Gehrman, S., Höhne, K. H., Linhart, W., Pommert, A., Tiede, U. and Yarar, S., Vol.7, No. 4 (2004) 271

Boundary Layer Separation Induced by Successive Favorable and Adverse Pressure Gradients.

Xanthos, S. S., Ardebili, M. and Andreopoulos, Y., Vol.7, No. 3 (2004) 174

Breaking Droplet in a Shear Flow.

Yasuda, S., Yonetsu, H. and Tanahashi, T., Vol.7, No. 3 (2004) 178

Camera visualization of cloud fields simulated by non-hydrostatic atmospheric models.

Iwabuchi, H. and Tsuboki, K., Vol.7, No. 4 (2004) 272

Coherent Structures of the Particle-laden Turbulent Round Jet at Different Reynolds Number.

Zheng, S. H., Fan, J. R., Shao, X. M., Luo, K. and Cen, K. F., Vol.7, No. 3 (2004) 177

Computational Fluid Dynamics Simulation of a Supersonic Rocket Thruster Flow Compared with Experimental Data.

Davoudzadeh, F. and Liu, N. S., Vol.7, No. 3 (2004) 173

Deformation of Ferrofluid Sheets Due an Applied Magnetic Field Transverse to Jet Flow.

Franklin, T., Rinaldi, C., Bush, J. W. M. and Zahn, M., Vol.7, No. 3 (2004) 175

Electrical Capacitance Tomography Imaging of Gas-Solid and Gas-

Liquid-Solid Fluidized Bed Systems.

Fan, L. S., Warsito, W. and Du, B., Vol.7, No. 1 (2004) 5

Evolution of Coherent Vortex Structures in the two-dimensional Mixing Layer.

Li, W. C., Fan, J. R., Luo, K. and Cen, K. F., Vol.7, No. 4 (2004) 267

Ferrohydrodynamic Instabilities in DC Magnetic Fields.

Rinaldi, C. and Zahn, M., Vol.7, No. 1 (2004) 8

Flow Visualization of Coaxial Jet Excited with Varying Phase Differences.

Kiwata, T. and Okajima, A., Vol.7, No. 1 (2004) 4

Flow Visualization of the Turbulent Jet by Direct Numerical Simulation.

Luo, K., Fan, J. R. and Cen, K. F., Vol.7, No. 2 (2004) 110
Hele-Shaw Ferrohydrodynamics for Simultaneous In-plane Rotating and Vertical DC Magnetic Fields.

Lorenz, C., Rinaldi, C. and Zahn, M., Vol.7, No. 2 (2004) 109 Large Eddy Simulations of Turbulent Thermal Convection at High Rayleigh Number.

Kenjeres, S. and Hanjalic, K., Vol.7, No. 2 (2004) 105

Laser Scanning Confocal Microscopic Investigations of Simulated Nuclear Waste Structures.

Calloway Jr. T. B., Brigmon, R. L., Daniel, W. E. and Eibling, R. E., Vol.7, No. 2 (2004) 108

Mach Number Distribution and Plume Direction Prediction of a Rocket Thruster Operating at Four Different Combustion Chamber Pressures.

Davoudzadeh, F. and Liu, N. S., Vol.7, No. 1 (2004) 7

Numerical Simulation of Shock Waves and their Interaction in a Supersonic Rocket Engine Operating at Different Conditions.

Davoudzadeh, F. and Liu, N. S., Vol.7, No. 2 (2004) 106

Role of shear layer instability in the transition of boundary layer on a bluff body.

Singh, S. P. and Mittal, S., Vol.7, No. 2 (2004) 107

Visualization of air flow and smoke spreading for realistic indoor-climate situations.

Kenjeres, S., Gunarjo, S. B. and Hanjalic, K., Vol.7, No. 4 (2004) 268

Visualization of Fluid Flows in Virtual Environments.

Ziegeler, S. B., Gopal, G. P., Blades, E., Moorhead, R. J., Marcum, D. L. and Guan, Y., Vol.7, No. 1 (2004) 3

Visualization of High Speed Air Flow by the Spark Tracing Method with Radiant Trail.

Ninomiya, N., Akiyama, M., Sugiyama, H. and Katakami, A., Vol.7, No. 4 (2004) 269

Visualization of Particle Dispersion by Vortex Structures with Direct Numerical Simulation.

Zheng, Y. Q., Fan, J. R. and Wu, P., Vol.7, No. 4 (2004) 270

Visualization of Turbulence Structures Reorganization in Thermal Convection Subjected to External Magnetic Field.

Kenjeres, S. and Hanjalic, K., Vol.7, No. 1 (2004) 6

Visualized Analysis of Diesel Combustion Under the High Boosting Engine Condition.

Aoyagi, Y., Asaumi, Y., Kunishima, E., Harada, A., Morita, A. and Seko, T., Vol.7, No. 3 (2004) 176

Paper

3D Visualization of the Separated Fluid Flows.

Gushchin, V. A., Kostomarov, A. V. and Matyushin, P. V., Vol.7, No. 2 (2004) 143-150

A Realistic Coronary Artery Phantom for Particle Image Velocimetry: Featuring Injection-Molded Inclusions and Multiple Layers.

Brunette, J., Mongrain, R. and Tardif, J. C., Vol.7, No. 3 (2004) 241-248

A Visual Study on Flow Pattern Around the Strip Moving Uniformly in a Continuously Stratified Fluid.

Chashechkin, Yu. D. and Mitkin, V. V., Vol.7, No. 2 (2004) 127-134

A Visualization Study of Fluid-Structure Interaction between a Circular Cylinder and a Channel Bed.

Rao, S. K., Sumner, D. and Balachandar, R., Vol.7, No. 3 (2004) 187-199

Acoustic Characteristics inside Cylindrical Structure with End Plates Excited at Different Frequencies.

Moriyama, H. and Tabei, Y., Vol.7, No. 1 (2004) 93-101

An investigation on airflow in pathological nasal airway by PIV.

Kim, S. K. and Haw, J. R., Vol.7, No. 4 (2004) 341-348

Analysis of a Turbulent Jet Mixing Flow by Using a PIV-PLIF Combined System.

Hu, H., Saga, T., Kobayashi, T. and Taniguchi, N., Vol.7, No. 1 (2004) 33-42

Analysis of Submerged Water Jets by Visualization Method: Flow Pattern and Self-Induced Vibration of Jet.

Shimada, N., Hibara, H., Ishibashi, Y., Sumida, M. and Sudo, K., Vol.7, No. 4 (2004) 281-289

Analysis of the Propeller-hull Interaction by LDV Phase Sampling Techniques.

Felli, M. and Di Felice, F., Vol.7, No. 1 (2004) 77-84

Analysis of Turbulent Premixed Flame Structure using Simultaneous PIV-OH PLIF.

Cho, Y., Kim, J. H., Cho, T., Moon, I., Yoon, Y. and Lee, C.,

Vol.7, No. 1 (2004) 43-54

Application of PSP to Low Density Gas Flows.

Mori, H., Niimi, T., Yoshida, M., Kondo, M. and Oshima, Y., Vol.7, No. 1 (2004) 55-62

Detection of Separation in S-duct Diffusers using Shear Sensitive Liquid Crystals.

Pradeep, A. M. and Sullerey, R. K., Vol.7, No. 4 (2004) 299-307

Effect of Elasticity of a Polymer Solution on the Hele-Shaw Flow.

Shwe Maw, W., Fujiwara, S., Takahashi, T. and Shirakashi, M., Vol.7, No. 2 (2004) 119-126

Effect of Groove Shape on Flow Characteristics around a Circular Cylinder with Grooves.

Yamagishi, Y. and Oki, M., Vol.7, No. 3 (2004) 209-216

Experimental and Numerical Dye Washout Flow Visualization: Flow analysis in the realistic model of pathologic artery enlargement (aneurysm).

Goubergrits, L., Petz, Ch., Stalling, D., Spuler, A. and Affeld, K., Vol.7, No. 3 (2004) 233-240

Flow visualization behind a streamwise oscillating cylinder and a stationary cylinder in tandem arrangement.

Xu, S. J., Zhou, Y. and Mi, J. C., Vol.7, No. 3 (2004) 201-208

High-definition PIV Analysis on Vortex Shedding in the Cylinder Wake.

Kim, W., Sung, J., Yoo, J. Y. and Lee, M. H., Vol.7, No. 1 (2004) 17-24

Instability of Surfactant Solution Flow in a Taylor Cell.

Watanabe, K., Takayama, T. and Ogata, S., Vol.7, No. 4 (2004) 273-280

Interaction of Two Parallel Plane Jets of Different Velocities.

Fujisawa, N., Nakamura, K. and Srinivas, K., Vol.7, No. 2 (2004) 135-142

Jomon Pottery Observed from the Point of View of Fluid Mechanics: Did Jomon People Discover Twin and Kármán Vortices?

Nakayama, Y., Oki, M., Aoki, K. and Takayama, S., Vol.7, No. 4 (2004) 349-356

Measurements of Aerodynamic Noise and Wake Flow Field in a Cooling Fan with Winglets.

Nashimoto, A., Fujisawa, N., Akuto, T. and Nagase, Y., Vol.7, No. 1 (2004) 85-92

Microscopic PIV Measurements for Electro-osmotic Flows in PDMS Microchannels.

Kim, M. J. and Kihm, K. D., Vol.7, No. 2 (2004) 111-118

Phenomenon of Labyrinth Seal with Low Static Pressure Difference and Large Clearance (Analysis of the Internal Phenomenon with CFD).

Shimada, K., Kimura, K., Ichikawa, S., Ohta, H. and Aoki, K., Vol.7, No. 1 (2004) 63-75

POD Analysis of Near-wake Structures of an Elliptic Cylinder Adjacent to a Free Surface.

Daichin and Lee, S. J., Vol.7, No. 3 (2004) 179-186

Quantitative Visualization of Micro-Tube Flow Using Micro-PIV.

Sugii, Y. and Okamoto, K., Vol.7, No. 1 (2004) 9-16

Real-time color holographic interferometry devoted to 2D unsteady wake flows.

Desse, J. M., Albe, F. and Tribillon, J. L., Vol.7, No. 3 (2004) 217-224

Simulation of Winter Air Pollution Dispersion Mechanism of Kathmandu Valley by Water-Tank Experiment.

Shrestha, M. L., Kaga, A., Kondo, A., Inoue, Y., Sugisawa, M. and Sapkota, B., Vol.7, No. 4 (2004) 317-329

Stereoscopic PIV Measurements of Flow around a Marine Propeller.

Lee, S. J. and Paik, B. G., Vol.7, No. 1 (2004) 25-32

The 7th Asian Symposium on Visualization.

Winoto, S. H., Vol.7, No. 3 (2004) 257-262

The 7th International Symposium on Fluid Control, Measurement

and Visualization.

Carlomagno, G. M., Vol.7, No. 2 (2004) 167-170
The Development of the Technique of Computer Simulating Color-Schlieren.

Guo, L. D. and Zhang, L., Vol.7, No. 3 (2004) 225-232
Tomographic Reconstruction of Asymmetric Soot Structure from Multi-angular Scanning.

Lee, S. M., Hwang, J. Y. and Chung, S. H., Vol.7, No. 2 (2004) 159-166

Visualization of dilute hydrogen jet flame in air flow.
Chinone, S. and Fujisawa, N., Vol.7, No. 4 (2004) 291-298
Visualization of Flow Structure Around a Hypersonic Re-entry Capsule Using the Electrical Discharge Method.

Nishio, M., Sezaki, S. and Nakamura, H., Vol.7, No. 2 (2004) 151-158

Visualization of Secondary Flow Choking Phenomena in a Supersonic Air Ejector.

Desevaux, P., Mellal, A. and Alves de Sousa, Y., Vol.7, No. 3 (2004) 249-256

Visualization of Three-Dimensional Flow Structures in the Wake of an Inclined Circular Cylinder.

Matsuzaki, K., Shingai, M., Haramoto, Y., Munekata, M. and Ohba, H., Vol.7, No. 4 (2004) 309-316

Warm Ocean Water Intrusion into Kagoshima Bay.
Kohno, J., Hosotani, K., Ono, Y. and Kikukawa, H., Vol.7, No. 4 (2004) 331-340