

Contributor Index (Vol. 8)

Frontispiece

- Ait Aider, A.** Visualization of Flows in the Gap between Concentric Cylinders, Vol. 8, No. 4 (2005) 287
- Al-Atabi, M. T., Chin, S. B. and Luo, X. Y.** Visualization of Mixing of Flow in Circular Tubes with Segmental Baffles, Vol. 8, No. 2 (2005) 89
- Alur, A. P.** (see Chollacoop, N.), Vol. 8, No. 4 (2005) 292
- Bourej, J. P.** (see Desse, J. M.), Vol. 8, No. 2 (2005) 87
- Cen, K. F.** (see Liu, L.), Vol. 8, No. 2 (2005) 86
- Cen, K. F.** (see Luo, K.), Vol. 8, No. 1 (2005) 3
- Chen, C. J.** (see Jaw, S. Y.), Vol. 8, No. 2 (2005) 88
- Chen, S.** (see Hu, G. L.), Vol. 8, No. 3 (2005) 196
- Chew, Y. T.** (see Xia, H. M.), Vol. 8, No. 4 (2005) 291
- Chin, S. B.** (see Al-Atabi, M. T.), Vol. 8, No. 2 (2005) 89
- Chollacoop, N., Alur, A. P. and Kumar, K. S.** Microstructural Finite Element Analysis of Mo-Si-B Alloy in High Temperature Applications, Vol. 8, No. 4 (2005) 292
- Dalton, T.** (see Walsh, P. A.), Vol. 8, No. 4 (2005) 288
- Davies, M. R. D.** (see Walsh, P. A.), Vol. 8, No. 4 (2005) 288
- Desse, J. M. and Bourez, J. P.** High Speed Differential Interferometry Used for Analyzing Aerooptic Aberrations, Vol. 8, No. 2 (2005) 87
- Dodson, L. J.** (see Settles, G. S.), Vol. 8, No. 1 (2005) 6
- Fan, J. R.** (see Liu, L.), Vol. 8, No. 2 (2005) 86
- Fan, J. R.** (see Luo, K.), Vol. 8, No. 1 (2005) 3
- Fan, J. R.** (see Zheng, Y. Q.), Vol. 8, No. 3 (2005) 198
- Furukawa, H.** (see Watanabe, T.), Vol. 8, No. 2 (2005) 85
- Heinzel, V., Jianu, A. and Sauter, H.** Visualization of the Flow Pattern in the Rectangular Microchannel of a Miniature Heat Exchanger, Vol. 8, No. 2 (2005) 90
- Hu, G. L. and Chen, S.** Three-Dimensional Numerical Simulation of a Straight Channel Proton Exchange Membrane Fuel Cell, Vol. 8, No. 3 (2005) 196
- Hwang, R. R.** (see Jaw, S. Y.), Vol. 8, No. 2 (2005) 88
- Jaw, S. Y., Chen, C. J. and Hwang, R. R.** Visualization of Soap Bubble Collapse with Acoustic Pressure Applied, Vol. 8, No. 2 (2005) 88
- Ji, F.** (see Liu, L.), Vol. 8, No. 2 (2005) 86
- Jianu, A.** (see Heinzel, V.), Vol. 8, No. 2 (2005) 90
- Kikuchi, K. and Mochizuki, O.** Mosquito's Proboscis, Vol. 8, No. 1 (2005) 7
- Kumar, K. S.** (see Chollacoop, N.), Vol. 8, No. 4 (2005) 292
- Liu, L., Fan, J. R., Ji, F. and Cen, K. F.** Direct Numerical Simulation of Gas-Solid Flow around a Circular Cylinder, Vol. 8, No. 2 (2005) 86
- Luo, K., Fan, J. R. and Cen, K. F.** Visualization of Vortex Shedding and Particle Dispersion in Two-Phase Plate Wake, Vol. 8, No. 1 (2005) 3
- Luo, X. Y.** (see Al-Atabi, M. T.), Vol. 8, No. 2 (2005) 89
- Meier, G. E. A.** (see Suryanarayana, G. K.), Vol. 8, No. 3 (2005) 197
- Mewes, D. and Wiemann, D.** Dispersion of Ink in a Bubble Column, Vol. 8, No. 3 (2005) 200
- Milenkovic, R., Sigg, B. and Yadigaroglu, G.** Excited Single-Phase (Liquid) Jets, Vol. 8, No. 4 (2005) 289
- Mittal, S.** Shear Layer Instability at Low Reynolds Numbers, Vol. 8, No. 3 (2005) 199
- Mochizuki, O.** (see Kikuchi, K.), Vol. 8, No. 1 (2005) 7
- Nakamura, I.** (see Watanabe, T.), Vol. 8, No. 2 (2005) 85
- Pauer, H.** (see Suryanarayana, G. K.), Vol. 8, No. 3 (2005) 197
- Plesniak, M.** (see Shu, F.), Vol. 8, No. 3 (2005) 195
- Rathakrishnan, E.** (see Vinoth, B. R.), Vol. 8, No. 4 (2005) 290

- Sauter, H.** (see Heinzel, V.), Vol. 8, No. 2 (2005) 90
- Settles, G. S. and Dodson, L. J.** Full-Scale Schlieren Visualization of Supersonic Bullet and Muzzle Blast from Firing a .30-06 Rifle, Vol. 8, No. 1 (2005) 6
- Shu, C.** (see Xia, H. M.), Vol. 8, No. 4 (2005) 291
- Shu, F., Plesniak, M. and Sojka, P.** Visualization of Streamwise Vortex Pairs in an Indeterminate Origin (IO) Nozzle Jet, Vol. 8, No. 3 (2005) 195
- Sigg, B.** (see Milenkovic, R.), Vol. 8, No. 4 (2005) 289
- Sojka, P.** (see Shu, F.), Vol. 8, No. 3 (2005) 195
- Striglarom, S.** Dynamics of Isolated Columnar Vortex in Tube with Sinusoidal Cross-Section, Vol. 8, No. 1 (2005) 8
- Suryanarayana, G. K., Meier, G. E. A. and Pauer, H.** Vented Circular Cylinder as a Vortex Generator, Vol. 8, No. 3 (2005) 197
- Tanahashi, T.** (see Yasuda, S.), Vol. 8, No. 1 (2005) 5
- Ting, L. L.** Some Additional CFD Flow Field Solutions Showing the Effect of Teardrop Shaped Dimple Design on the Golf Ball Aerodynamic Performance, Vol. 8, No. 1 (2005) 4
- Vinoth, B. R. and Rathakrishnan, E.** Visualization of Supersonic Unequal Mach Number Twin Jet, Vol. 8, No. 4 (2005) 290
- Walsh, P. A., Davies, M. R. D. and Dalton, T.** Visualisation of Buoyancy Opposing Flow Structures in a Small Length Scale Fluidic Junction, Vol. 8, No. 4 (2005) 288
- Wan, S. Y. M.** (see Xia, H. M.), Vol. 8, No. 4 (2005) 291
- Watanabe, T., Furukawa, H. and Nakamura, I.** Effect of Rim-Shroud Clearance on the Flow Developing around a Finite-Thickness Rotating Disk in a Cylindrical Enclosure, Vol. 8, No. 2 (2005) 85
- Wiemann, D.** (see Mewes, D.), Vol. 8, No. 3 (2005) 200
- Xia, H. M., Shu, C., Wan, S. Y. M. and Chew, Y. T.** Numerical and Experimental Observation of Chaotic Mixing in Microfluidic Mixer, Vol. 8, No. 4 (2005) 291
- Yadigaroglu, G.** (see Milenkovic, R.), Vol. 8, No. 4 (2005) 289
- Yasuda, S., Yonetzu, H. and Tanahashi, T.** Separation Process of Two-Phase Fluids, Vol. 8, No. 1 (2005) 5
- Yonetzu, H.** (see Yasuda, S.), Vol. 8, No. 1 (2005) 5
- Zheng, Y. Q. and Fan, J. R.** The Effect of Streamwise Vortex Structures on the Particle Distribution in the Roll-Up, Vol. 8, No. 3 (2005) 198

Paper

- Adrian, R. J.** (see Murphy, M. J.), Vol. 8, No. 2 (2005) 125-135
- Affeld, K.** (see Debaene, P.), Vol. 8, No. 4 (2005) 305-313
- Aoki, K.** (see Takayama, S.), Vol. 8, No. 4 (2005) 295-303
- Aoki, K.** (see Prabkeao, C.), Vol. 8, No. 4 (2005) 347-355
- Bertrand, E.** (see Knapp, Y.), Vol. 8, No. 3 (2005) 217-224
- Calluaud, D., David, L. and Texier, A.** Vortex Shedding Process Investigation Downstream a Surface-Mounted Block, Vol. 8, No. 2 (2005) 99-108
- Cenedese, A.** (see Espa, S.), Vol. 8, No. 3 (2005) 253-260
- Chang, J. S.** (see Ohyama, R.), Vol. 8, No. 4 (2005) 339-346
- Chen, C.-J.** (see Kilani, M. I.), Vol. 8, No. 1 (2005) 33-40
- Christensen, K. T. and Wu, Y.** Visualization and Characterization of Small-Scale Spanwise Vortices in Turbulent Channel Flow, Vol. 8, No. 2 (2005) 177-185
- Cieslinski, J. T., Polewski, J. and Szymczyk, J. A.** Flow Field around Growing and Rising Vapour Bubble by PIV Measurement, Vol. 8, No. 3 (2005) 209-216
- David, L.** (see Calluaud, D.), Vol. 8, No. 2 (2005) 99-108
- Debaene, P., Kertzsch, U., Goubergrits, L. and Affeld, K.** Visualization of a Wall Shear Flow: Development of a New

- Particle Image Interrogation Method, Vol. 8, No. 4 (2005) 305-313
- Doh, D. H.** (see Hwang, T. G.), Vol. 8, No. 3 (2005) 245-252
- Elliott, G. S.** (see Murphy, M. J.), Vol. 8, No. 2 (2005) 125-135
- Engler, R. H., Fey, U., Henne, U., Klein, Chr. and Sachs, W. E.** Quantitative Wind Tunnel Studies Using Pressure- and Temperature Sensitive Paints, Vol. 8, No. 3 (2005) 277-284
- Ertl, T.** (see Stegmaier, S.), Vol. 8, No. 2 (2005) 153-160
- Espa, S. and Cenedese, A.** Anomalous Diffusion and Lévy Flights in a Two-Dimensional Time Periodic Flow, Vol. 8, No. 3 (2005) 253-260
- Fey, U.** (see Engler, R. H.), Vol. 8, No. 3 (2005) 277-284
- Finnis, M. V.** (see Lawson, N. J.), Vol. 8, No. 3 (2005) 261-268
- Fraňa, K., Stiller, J. and Grundmann, R.** Taylor-Görtler Vortices in the Flow Driven by a Rotating Magnetic Field in a Cylindrical Container, Vol. 8, No. 4 (2005) 323-330
- Fujii, K.** (see Fujimatsu, N.), Vol. 8, No. 3 (2005) 225-233
- Fujimatsu, N., Tamura, Y. and Fujii, K.** Improvement of Noise Filtering and Image Registration Methods for the Pressure Sensitive Paint Experiments, Vol. 8, No. 3 (2005) 225-233
- Fujisawa, N.** (see Kiuchi, M.), Vol. 8, No. 3 (2005) 269-276
- Fujisawa, N.** (see Watanabe, Y.), Vol. 8, No. 4 (2005) 293-294
- Fujisawa, N., Ugata, M. and Suzuki, T.** A study on Drag Reduction of a Rotationally Oscillating Circular Cylinder at Low Reynolds Number, Vol. 8, No. 1 (2005) 41-48
- Gogotsi, Y.** (see Yazicioglu, A. G.), Vol. 8, No. 2 (2005) 137-144
- Goubergrits, L.** (see Debaene, P.), Vol. 8, No. 4 (2005) 305-313
- Gregory, J. W., Sullivan, J. P. and Raghu, S.** Visualization of Jet Mixing in a Fluidic Oscillator, Vol. 8, No. 2 (2005) 169-176
- Grundmann, R.** (see Fraňa, K.), Vol. 8, No. 4 (2005) 323-330
- Haik, Y. S.** (see Kilani, M. I.), Vol. 8, No. 1 (2005) 33-40
- Harrison, G. M.** (see Lawson, N. J.), Vol. 8, No. 3 (2005) 261-268
- Hashizume, Y.** (see Watanabe, Y.), Vol. 8, No. 4 (2005) 293-294
- Henne, U.** (see Engler, R. H.), Vol. 8, No. 3 (2005) 277-284
- Hertzberg, J. and Sweetman, A.** Images of Fluid Flow: Art and Physics by Students, Vol. 8, No. 2 (2005) 145-152
- Hibara, A.** (see Sugii, Y.), Vol. 8, No. 2 (2005) 117-124
- Hwang, T. G., Doh, D. H. and Okamoto, K.** 4D-PTV: Measurements of an Impinged Jet with a Dynamic 3D-PTV, Vol. 8, No. 3 (2005) 245-252
- Jagadeesh, G.** (see Viren, M.), Vol. 8, No. 1 (2005) 65-72
- Jaw, S-Y.** (see Kilani, M. I.), Vol. 8, No. 1 (2005) 33-40
- Jiang, G. D.** (see Wang, F. H.), Vol. 8, No. 1 (2005) 49-56
- Kawahashi, M.** The International Conference on Advanced Optical Diagnostics in Fields, Solids and Combustion (VSJ-SPIE04), Vol. 8, No. 4 (2005) 357-360
- Kennedy, J. E.** (see Murphy, M. J.), Vol. 8, No. 2 (2005) 125-135
- Kertzscher, U.** (see Debaene, P.), Vol. 8, No. 4 (2005) 305-313
- Kihm, K. D.** (see Kim, H. J.), Vol. 8, No. 1 (2005) 9-21
- Kilani, M. I., Haik, Y. S., Jaw, S-Y. and Chen, C-J.** Numerical Simulation of Flow in a Screw-Type Blood Pump, Vol. 8, No. 1 (2005) 33-40
- Kim, H. J. and Kihm, K. D.** Thermal and Flow Characteristics of Evaporating Capillary Pore Flows Ranging from 10-mm to 10-µm Diameter, Vol. 8, No. 1 (2005) 9-21
- Kitamori, T.** (see Sugii, Y.), Vol. 8, No. 2 (2005) 117-124
- Kiuchi, M., Fujisawa, N. and Tomimatsu, S.** Performance of a PIV System for a Combusting Flow and Its Application to a Spray Combustor Model, Vol. 8, No. 3 (2005) 269-276
- Klein, Chr.** (see Engler, R. H.), Vol. 8, No. 3 (2005) 277-284
- Knapp, Y. and Bertrand, E.** Particle Imaging Velocimetry Measurements in a Heart Simulator, Vol. 8, No. 3 (2005) 217-224
- Kontis, K.** Experimental Studies on the Interaction of Jets with the Vortex Wake of Slender Bodies, Vol. 8, No. 2 (2005) 109-116
- Kumeta, M.** (see Ohyama, R.), Vol. 8, No. 4 (2005) 339-346
- Lam, K.** (see Wang, F. H.), Vol. 8, No. 1 (2005) 49-56
- Lawson, N. J., Finnis, M. V., Tatum, J. A. and Harrison, G. M.** Combined Stereoscopic Particle Image Velocimetry and Line Integral Convolution Methods: Application to a Sphere Sedimenting near a Wall in a Non-Newtonian Fluid, Vol. 8, No. 3 (2005) 261-268
- Liu, Z. P. and Moorhead II, R. J.** A Texture-Based Hardware-Independent Technique for Time-Varying Volume Flow Visualization, Vol. 8, No. 3 (2005) 235-244
- Martinez, B.** (see Wernert, P.), Vol. 8, No. 2 (2005) 161-168
- Megaridis, C. M.** (see Yazicioglu, A. G.), Vol. 8, No. 2 (2005) 137-144
- Melikov, A. K.** (see Özcan, O.), Vol. 8, No. 1 (2005) 23-31
- Meyer, K. E.** (see Özcan, O.), Vol. 8, No. 1 (2005) 23-31
- Mitsudharmadi, H.** (see Winoto, S. H.), Vol. 8, No. 4 (2005) 315-322
- Miyachi, H. and Sakamoto, N.** Data Reduction by Applying an Image-Based Modeling and Rendering Technique to CG Models, Vol. 8, No. 4 (2005) 331-338
- Moorhead II, R. J.** (see Liu, Z. P.), Vol. 8, No. 3 (2005) 235-244
- Mueller, Thomas J.** The 11th International Symposium on Flow Visualization, Vol. 8, No. 2 (2005) 187-191
- Murphy, M. J., Adrian, R. J., Stewart, D. S., Elliott, G. S., Thomas, K. A. and Kennedy, J. E.** Visualization of Blast Waves Created by Exploding Bridge Wires, Vol. 8, No. 2 (2005) 125-135
- Nicholls, A.** (see Yazicioglu, A. G.), Vol. 8, No. 2 (2005) 137-144
- Oh, Y. K. and Yang, H. D.** A Numerical Study on the Enhancement of Heat Transfer by Pressure Distributions in Acoustic Fields, Vol. 8, No. 1 (2005) 73-81
- Ohyama, R., Kumeta, M., Ueda, A., Watson, A. and Chang, J. S.** A Fundamental Characteristic and Image Analysis of Liquid Flow in an AW Type EHD Pump, Vol. 8, No. 4 (2005) 339-346
- Okamoto, K.** (see Sugii, Y.), Vol. 8, No. 2 (2005) 117-124
- Okamoto, K.** (see Hwang, T. G.), Vol. 8, No. 3 (2005) 245-252
- Oki, M.** (see Yamagishi, Y.), Vol. 8, No. 1 (2005) 57-64
- Özcan, O., Meyer, K. E. and Melikov, A. K.** A Visual Description of the Convective Flow Field around the Head of a Human, Vol. 8, No. 1 (2005) 23-31
- Polewski, J.** (see Cieslinski, J. T.), Vol. 8, No. 3 (2005) 209-216
- Prabkao, C. and Aoki, K.** Study on the Optimum Mixing Throat Length for Drive Nozzle Position of the Central Jet Pump, Vol. 8, No. 4 (2005) 347-355
- Raghu, S.** (see Gregory, J. W.), Vol. 8, No. 2 (2005) 169-176
- Reddy, K. P. J.** (see Viren, M.), Vol. 8, No. 1 (2005) 65-72
- Sachs, W. E.** (see Engler, R. H.), Vol. 8, No. 3 (2005) 277-284
- Sakamoto, N.** (see Miyachi, H.), Vol. 8, No. 4 (2005) 331-338
- Shah, D. A.** (see Winoto, S. H.), Vol. 8, No. 4 (2005) 315-322
- Stegmaier, S. and Ertl, T.** On a Graphics Hardware-Based Vortex Detection and Visualization System, Vol. 8, No. 2 (2005) 153-160
- Stewart, D. S.** (see Murphy, M. J.), Vol. 8, No. 2 (2005) 125-135
- Stiller, J.** (see Fraňa, K.), Vol. 8, No. 4 (2005) 323-330
- Sugii, Y., Okamoto, K., Hibara, A., Tokeshi, M. and Kitamori, T.** Effect of Korteweg Stress in Miscible Liquid Two-Layer Flow in a Microfluidic Device, Vol. 8, No. 2 (2005) 117-124
- Sullivan, J. P.** (see Gregory, J. W.), Vol. 8, No. 2 (2005) 169-176
- Sun, M.** (see Viren, M.), Vol. 8, No. 1 (2005) 65-72
- Suzuki, T.** (see Fujisawa, N.), Vol. 8, No. 1 (2005) 41-48
- Sweetman, A.** (see Hertzberg, J.), Vol. 8, No. 2 (2005) 145-152
- Szymczyk, J. A.** (see Cieslinski, J. T.), Vol. 8, No. 3 (2005) 209-216
- Takayama, K.** (see Viren, M.), Vol. 8, No. 1 (2005) 65-72

- Takayama, S. and Aoki, K.** Flow Characteristics around a Rotating Grooved Circular Cylinder with Grooved of Different Depths, Vol. 8, No. 4 (2005) 295-303
- Tamura, Y.** (see Fujimatsu, N.), Vol. 8, No. 3 (2005) 225-233
- Tatum, J. A.** (see Lawson, N. J.), Vol. 8, No. 3 (2005) 261-268
- Tesař, V. and Trávníček, Z.** Increasing Heat and/or Mass Transfer Rates in Impinging Jets, Vol. 8, No. 2 (2005) 91-98
- Tesař, V. and Trávníček, Z.** Pulsating and Synthetic Impinging Jets, Vol. 8, No. 3 (2005) 201-208
- Texier, A.** (see Calluaud, D.), Vol. 8, No. 2 (2005) 99-108
- Thomas, K. A.** (see Murphy, M. J.), Vol. 8, No. 2 (2005) 125-135
- Tokeshi, M.** (see Sugii, Y.), Vol. 8, No. 2 (2005) 117-124
- Tomimatsu, S.** (see Kiuchi, M.), Vol. 8, No. 3 (2005) 269-276
- Trávníček, Z.** (see Tesař, V.), Vol. 8, No. 2 (2005) 91-98
- Trávníček, Z.** (see Tesař, V.), Vol. 8, No. 3 (2005) 201-208
- Ueda, A.** (see Ohyama, R.), Vol. 8, No. 4 (2005) 339-346
- Ugata, M.** (see Fujisawa, N.), Vol. 8, No. 1 (2005) 41-48
- Viren, M., Jagadeesh, G., Reddy, K. P. J., Sun, M. and Takayama, K.** Visualization of Shock Waves around Hypersonic Spiked Blunt Cones Using Electric Discharge, Vol. 8, No. 1 (2005) 65-72
- Wang, F. H., Jiang, G. D. and Lam, K.** Flow Patterns of Cross-Flow around a Varicose Cylinder, Vol. 8, No. 1 (2005) 49-56
- Watanabe, Y., Hashizume, Y. and Fujisawa, N.** Simultaneous Flow Visualization and PIV Measurement of Turbulent Buoyant Plume, Vol. 8, No. 4 (2005) 293-294
- Watson, A.** (see Ohyama, R.), Vol. 8, No. 4 (2005) 339-346
- Wernert, P. and Martinez, B.** Preliminary Application of a DGV System Using a Single Intensified Camera in a Supersonic Wind Tunnel, Vol. 8, No. 2 (2005) 161-168
- Winoto, S. H., Mitsudharmadi, H. and Shah, D. A.** Visualizing Görtler Vortices, Vol. 8, No. 4 (2005) 315-322
- Wu, Y.** (see Christensen, K. T.), Vol. 8, No. 2 (2005) 177-185
- Yamagishi, Y. and Oki, M.** Effect of the Number of Grooves on Flow Characteristics around a Circular Cylinder with Triangular Grooves, Vol. 8, No. 1 (2005) 57-64
- Yang, H. D.** (see Oh, Y. K.), Vol. 8, No. 1 (2005) 73-81
- Yazicioglu, A. G., Megaridis, C. M., Nicholls, A. and Gogotsi, Y.** Electron Microscope Visualization of Multiphase Fluids Contained in Closed Carbon Nanotubes, Vol. 8, No. 2 (2005) 137-144

Title Index (Vol. 8)

Frontispiece

- Direct Numerical Simulation of Gas-Solid Flow around a Circular Cylinder.**
Liu, L., Fan, J. R., Ji, F. and Cen, K. F., Vol. 8, No. 2 (2005) 86
- Dispersion of Ink in a Bubble Column.**
Mewes, D. and Wiemann, D., Vol. 8, No. 3 (2005) 200
- Dynamics of Isolated Columnar Vortex in Tube with Sinusoidal Cross-Section.**
Srigrarom, S., Vol. 8, No. 1 (2005) 8
- Effect of Rim-Shroud Clearance on the Flow Developing around a Finite-Thickness Rotating Disk in a Cylindrical Enclosure.**
Watanabe, T., Furukawa, H. and Nakamura, I., Vol. 8, No. 2 (2005) 85
- Excited Single-Phase (Liquid) Jets.**
Milenkovic, R., Sigg, B. and Yadigaroglu, G., Vol. 8, No. 4 (2005) 289
- Full-Scale Schlieren Visualization of Supersonic Bullet and Muzzle Blast from Firing a .30-06 Rifle.**
Settles, G. S. and Dodson, L. J., Vol. 8, No. 1 (2005) 6
- High Speed Differential Interferometry Used for Analyzing Aeroptic Aberrations.**
Desse, J. M. and Bourez, J. P., Vol. 8, No. 2 (2005) 87
- Microstructural Finite Element Analysis of Mo-Si-B Alloy in High Temperature Applications.**
Chollacoop, N., Alur, A. P. and Kumar, K. S., Vol. 8, No. 4 (2005) 292
- Mosquito's Proboscis.**
Kikuchi, K. and Mochizuki, O., Vol. 8, No. 1 (2005) 7
- Numerical and Experimental Observation of Chaotic Mixing in Microfluidic Mixer.**
Xia, H. M., Shu, C., Wan, S. Y. M. and Chew, Y. T., Vol. 8, No. 4 (2005) 291
- Separation Process of Two-Phase Fluids.**
Yasuda, S., Yonetsu, H. and Tanahashi, T., Vol. 8, No. 1 (2005) 5
- Shear Layer Instability at Low Reynolds Numbers.**
Mittal, S., Vol. 8, No. 3 (2005) 199

- Some Additional CFD Flow Field Solutions Showing the Effect of Teardrop Shaped Dimple Design on the Golf Ball Aerodynamic Performance.**
Ting, L. L., Vol. 8, No. 1 (2005) 4
- The Effect of Streamwise Vortex Structures on the Particle Distribution in the Roll-Up.**
Zheng, Y. Q. and Fan, J. R., Vol. 8, No. 3 (2005) 198
- Three-Dimensional Numerical Simulation of a Straight Channel Proton Exchange Membrane Fuel Cell.**
Hu, G. L. and Chen, S., Vol. 8, No. 3 (2005) 196
- Vented Circular Cylinder as a Vortex Generator.**
Suryanarayana, G. K., Meier, G. E. A. and Pauer, H., Vol. 8, No. 3 (2005) 197
- Visualisation of Buoyancy Opposing Flow Structures in a Small Length Scale Fluidic Junction.**
Walsh, P. A., Davies, M. R. D. and Dalton, T., Vol. 8, No. 4 (2005) 288
- Visualization of Flows in the Gap between Concentric Cylinders.**
Ait Aider, A., Vol. 8, No. 4 (2005) 287
- Visualization of Mixing of Flow in Circular Tubes with Segmental Baffles.**
Al-Atabi, M. T., Chin, S. B. and Luo, X. Y., Vol. 8, No. 2 (2005) 89
- Visualization of Soap Bubble Collapse with Acoustic Pressure Applied.**
Jaw, S. Y., Chen, C. J. and Hwang, R. R., Vol. 8, No. 2 (2005) 88
- Visualization of Streamwise Vortex Pairs in an Indeterminate Origin (IO) Nozzle Jet.**
Shu, F., Plesniak, M. and Sojka, P., Vol. 8, No. 3 (2005) 195
- Visualization of Supersonic Unequal Mach Number Twin Jet.**
Vinoth, B. R. and Rathakrishnan, E., Vol. 8, No. 4 (2005) 290
- Visualization of the Flow Pattern in the Rectangular Microchannel of a Miniature Heat Exchanger.**
Heinzel, V., Jianu, A. and Sauter, H., Vol. 8, No. 2 (2005) 90
- Visualization of Vortex Shedding and Particle Dispersion in Two-Phase Plate Wake.**
Luo, K., Fan, J. R. and Cen, K. F., Vol. 8, No. 1 (2005) 3

Paper**4D-PTV: Measurements of an Impinged Jet with a Dynamic 3D-PTV.**

Hwang, T. G., Doh, D. H. and Okamoto, K., Vol. 8, No. 3 (2005) 245-252

A Fundamental Characteristic and Image Analysis of Liquid Flow in an AW Type EHD Pump.

Ohyama, R., Kumeta, M., Ueda, A., Watson, A. and Chang, J. S., Vol. 8, No. 4 (2005) 339-346

A Numerical Study on the Enhancement of Heat Transfer by Pressure Distributions in Acoustic Fields.

Oh, Y. K. and Yang, H. D., Vol. 8, No. 1 (2005) 73-81

A study on Drag Reduction of a Rotationally Oscillating Circular Cylinder at Low Reynolds Number.

Fujisawa, N., Ugata, M. and Suzuki, T., Vol. 8, No. 1 (2005) 41-48

A Texture-Based Hardware-Independent Technique for Time-Varying Volume Flow Visualization.

Liu, Z. P. and Moorhead II, R. J., Vol. 8, No. 3 (2005) 235-244

A Visual Description of the Convective Flow Field around the Head of a Human.

Özcan, O., Meyer, K. E. and Melikov, A. K., Vol. 8, No. 1 (2005) 23-31

Anomalous Diffusion and Lévy Flights in a Two-Dimensional Time Periodic Flow.

Espa, S. and Cenedese, A., Vol. 8, No. 3 (2005) 253-260

Combined Stereoscopic Particle Image Velocimetry and Line Integral Convolution Methods: Application to a Sphere Sedimenting near a Wall in a Non-Newtonian Fluid.

Lawson, N. J., Finnis, M. V., Tatum, J. A. and Harrison, G. M., Vol. 8, No. 3 (2005) 261-268

Data Reduction by Applying an Image-Based Modeling and Rendering Technique to CG Models.

Miyachi, H. and Sakamoto, N., Vol. 8, No. 4 (2005) 331-338

Effect of Korteweg Stress in Miscible Liquid Two-Layer Flow in a Microfluidic Device.

Sugii, Y., Okamoto, K., Hibara, A., Tokeshi, M. and Kitamori, T., Vol. 8, No. 2 (2005) 117-124

Effect of the Number of Grooves on Flow Characteristics around a Circular Cylinder with Triangular Grooves.

Yamagishi, Y. and Oki, M., Vol. 8, No. 1 (2005) 57-64

Electron Microscope Visualization of Multiphase Fluids Contained in Closed Carbon Nanotubes.

Yazicioglu, A. G., Megaridis, C. M., Nicholls, A. and Gogotsi, Y., Vol. 8, No. 2 (2005) 137-144

Experimental Studies on the Interaction of Jets with the Vortex Wake of Slender Bodies.

Kontis, K., Vol. 8, No. 2 (2005) 109-116

Flow Characteristics around a Rotating Grooved Circular Cylinder with Grooved of Different Depths.

Takayama, S. and Aoki, K., Vol. 8, No. 4 (2005) 295-303

Flow Field around Growing and Rising Vapour Bubble by PIV Measurement.

Cieslinski, J. T., Polewski, J. and Szymczyk, J. A., Vol. 8, No. 3 (2005) 209-216

Flow Patterns of Cross-Flow around a Varicose Cylinder.

Wang, F. H., Jiang, G. D. and Lam, K., Vol. 8, No. 1 (2005) 49-56

Images of Fluid Flow: Art and Physics by Students.

Hertzberg, J. and Sweetman, A., Vol. 8, No. 2 (2005) 145-152

Improvement of Noise Filtering and Image Registration Methods for the Pressure Sensitive Paint Experiments.

Fujimatsu, N., Tamura, Y. and Fujii, K., Vol. 8, No. 3 (2005) 225-233

Increasing Heat and/or Mass Transfer Rates in Impinging Jets.

Tesař, V. and Trávníček, Z., Vol. 8, No. 2 (2005) 91-98

Numerical Simulation of Flow in a Screw-Type Blood Pump.

Kilani, M. I., Haik, Y. S., Jaw, S-Y. and Chen, C-J., Vol. 8, No. 1 (2005) 33-40

On a Graphics Hardware-Based Vortex Detection and Visualization System.

Stegmaier, S. and Ertl, T., Vol. 8, No. 2 (2005) 153-160

Particle Imaging Velocimetry Measurements in a Heart Simulator.

Knapp, Y. and Bertrand, E., Vol. 8, No. 3 (2005) 217-224

Performance of a PIV System for a Combusting Flow and Its Application to a Spray Combustor Model.

Kiuchi, M., Fujisawa, N. and Tomimatsu, S., Vol. 8, No. 3 (2005) 269-276

Preliminary Application of a DGV System Using a Single Intensified Camera in a Supersonic Wind Tunnel.

Wernert, P. and Martinez, B., Vol. 8, No. 2 (2005) 161-168

Pulsating and Synthetic Impinging Jets.

Tesař, V. and Trávníček, Z., Vol. 8, No. 3 (2005) 201-208

Quantitative Wind Tunnel Studies Using Pressure- and Temperature Sensitive Paints.

Engler, R. H., Fey, U., Henne, U., Klein, Chr. and Sachs, W. E., Vol. 8, No. 3 (2005) 277-284

Simultaneous Flow Visualization and PIV Measurement of Turbulent Buoyant Plume.

Watanabe, Y., Hashizume, Y. and Fujisawa, N., Vol. 8, No. 4 (2005) 293-294

Study on the Optimum Mixing Throat Length for Drive Nozzle Position of the Central Jet Pump.

Prabkeao, C. and Aoki, K., Vol. 8, No. 4 (2005) 347-355

Taylor-Görtler Vortices in the Flow Driven by a Rotating Magnetic Field in a Cylindrical Container.

Fraňa, K., Stiller, J. and Grundmann, R., Vol. 8, No. 4 (2005) 323-330

The 11th International Symposium on Flow Visualization.

Mueller, Thomas J., Vol. 8, No. 2 (2005) 187-191

The International Conference on Advanced Optical Diagnostics in Fields, Solids and Combustion (VSJ-SPIE04).

Kawahashi, M., Vol. 8, No. 4 (2005) 357-360

Thermal and Flow Characteristics of Evaporating Capillary Pore Flows Ranging from 10-mm to 10-µm Diameter.

Kim, H. J. and Kihm, K. D., Vol. 8, No. 1 (2005) 9-21

Visualization and Characterization of Small-Scale Spanwise Vortices in Turbulent Channel Flow.

Christensen, K. T. and Wu, Y., Vol. 8, No. 2 (2005) 177-185

Visualization of a Wall Shear Flow: Development of a New Particle Image Interrogation Method.

Debaene, P., Kertzschner, U., Goubergrits, L. and Affeld, K., Vol. 8, No. 4 (2005) 305-313

Visualization of Blast Waves Created by Exploding Bridge Wires.

Murphy, M. J., Adrian, R. J., Stewart, D. S., Elliott, G. S., Thomas, K. A. and Kennedy, J. E., Vol. 8, No. 2 (2005) 125-135

Visualization of Jet Mixing in a Fluidic Oscillator.

Gregory, J. W., Sullivan, J. P. and Raghu, S., Vol. 8, No. 2 (2005) 169-176

Visualization of Shock Waves around Hypersonic Spiked Blunt Cones Using Electric Discharge.

Viren, M., Jagadeesh, G., Reddy, K. P. J., Sun, M. and Takayama, K., Vol. 8, No. 1 (2005) 65-72

Visualizing Görtler Vortices.

Winoto, S. H., Mitsudharmadi, H. and Shah, D. A., Vol. 8, No. 4 (2005) 315-322

Vortex Shedding Process Investigation Downstream a Surface-Mounted Block.

Calluaud, D., David, L. and Texier, A., Vol. 8, No. 2 (2005) 99-108