



Author index to volume 29

- Abu-Nada, E., see Oztop, H.F. 29 (2008) 1326
- Abu-Nada, E., Application of nanofluids for heat transfer enhancement of separated flows encountered in a backward facing step 29 (2008) 242
- Abdul Hakeem, A.K., S. Saravanan and P. - Kandaswamy, Buoyancy convection in a square cavity with mutually orthogonal heat generating baffles 29 (2008) 1164
- Adams, N.A., see Hickel, S. 29 (2008) 626
- Agrawal, A.K., see Satti, R.P. 29 (2008) 527
- Ahmed, W.H., C.Y. Ching and M. Shoukri, Development of two-phase flow downstream of a horizontal sudden expansion 29 (2008) 194
- Akbari, M., A. Behzadmehr and F. Shahraki, Fully developed mixed convection in horizontal and inclined tubes with uniform heat flux using nanofluid 29 (2008) 545
- Akbarinia, A., Impacts of nanofluid flow on skin friction factor and Nusselt number in curved tubes with constant mass flow 29 (2008) 229
- Alekseenko, S.V., V.M. Dulin, Y.S. Kozorezov and D.M. Markovich, Effect of axisymmetric forcing on the structure of a swirling turbulent jet 29 (2008) 1699
- Alfredsson, P.H., see Maciel, Y. 29 (2008) 675
- Alias, H., see Chen, H. 29 (2008) 149
- Alilat, N., see Baïri, A. 29 (2008) 1337
- Alloui, Z., M. Fekri, H. Beji and P. Vasseur, Natural convection in a horizontal binary fluid layer bounded by thin porous layers 29 (2008) 1154
- Altaç, Z., see Mahir, N. 29 (2008) 1309
- Amahmid, A., see Mansour, A. 29 (2008) 306
- Amielh, M., see Nait Bouda, N. 29 (2008) 927
- Amitay, M., see Tamburello, D.A. 29 (2008) 967
- Amitay, M., see Pavlova, A.A. 29 (2008) 131
- Amitay, M., see Pavlova, A.A. 29 (2008) 985
- An, R., see Kontis, K. 29 (2008) 1380
- Anderson, M., see Licht, J. 29 (2008) 156
- Angeli, P., see Shao, N. 29 (2008) 1603
- Ardizzon, G., see Pavesi, G. 29 (2008) 1527
- Armaly, B.F., see Lan, H. 29 (2008) 449
- Armenio, V., see Inghilesi, R. 29 (2008) 733
- Askovic, R., see Menfoukh, L. 29 (2008) 479
- Attinger, D., see Bhardwaj, R. 29 (2008) 1422
- Bachmann, O., see Huber, C. 29 (2008) 1469
- Bahlaoui, A., see Raji, A. 29 (2008) 1174
- Baïri, A., J.M. García de María, N. Laraqi and N. Alilat, Free convection generated in an enclosure by alternate heated bands. Experimental and numerical study adapted to electronics thermal control 29 (2008) 1337
- Balabani, S., see Konstantinidis, E. 29 (2008) 1567
- Balkaya, A., see Bilgen, E. 29 (2008) 1182
- Banerjee, D., see Sathyamurthi, V. 29 (2008) 207
- Barletta, A., Parallel and non-parallel laminar mixed convection flow in an inclined tube: The effect of the boundary conditions 29 (2008) 83
- Bartosiewicz, Y., J. Laviéville and J.-M. Seynhaeve, A first assessment of the NEPTUNE_CFD code: Instabilities in a stratified flow comparison between the VOF method and a two-field approach 29 (2008) 460
- Bataille, F., see Brillant, G. 29 (2008) 1670
- Behzadmehr, A., see Akbari, M. 29 (2008) 545
- Behzadmehr, A., see Mirmasoumi, S. 29 (2008) 557
- Beji, H., see Alloui, Z. 29 (2008) 1154
- Ben Aissia, H., see Borjini, M.N. 29 (2008) 107
- Benabid, T., see Nait Bouda, N. 29 (2008) 927
- Berrouk, A.S. and D. Laurence, Stochastic modelling of aerosol deposition for LES of 90° bend turbulent flow 29 (2008) 1010
- Bhardwaj, R. and D. Attinger, Non-isothermal wetting during impact of millimeter-size water drop on a flat substrate: Numerical investigation and comparison with high-speed visualization experiments 29 (2008) 1422
- Bieri, N.R., see Dietzel, M. 29 (2008) 250
- Balkaya, A., E. Bilgen, Natural convection on discrete heaters in a square enclosure with ventilation ports 29 (2008) 1182
- Bonnet, J.-P., W.L. Siau, S. Bourgois and J. Tensi, Influence of a synthetic jet excitation on the development of a turbulent mixing layer 29 (2008) 957
- Borée, J., see Hoarau, C. 29 (2008) 812
- Borjini, M.N., H. Ben Aissia, K. Halouani and B. Zeghmami, Effect of radiative heat transfer on the three-dimensional buoyancy flow in cubic enclosure heated from the side 29 (2008) 107
- Bouabdellah, A., see Menfoukh, L. 29 (2008) 479
- Bourgois, S., see Bonnet, J.-P. 29 (2008) 957
- Brandt, L., see Monokrousos, A. 29 (2008) 841
- Bremhorst, K., see Hwang, J.-Y. 29 (2008) 1268
- Breuer, M., see Lienhart, H. 29 (2008) 783

- Bataille, F. and F. Ducros, G. Brillant, S. Husson, Study of the blowing impact on a hot turbulent boundary layer using Thermal Large Eddy Simulation 29 (2008) 1670
- Brücker, C., see Schwarze, R. 29 (2008) 1688
- Campo, A., see Ridouane, El.H. 29 (2008) 1360
- Campos, J.B.L.M., see Mayor, T.S. 29 (2008) 1039
- Cavazzini, G., see Pavesi, G. 29 (2008) 1527
- Chandra, L. and G. Grötzbach, Analysis and modelling of the turbulent diffusion of turbulent heat fluxes in natural convection 29 (2008) 743
- Chen, H., Y. He, J. Zhu, H. Alias, Y. Ding, P. Nancarrow, C. Hardacre, D. Rooney and C. Tan, Rheological and heat transfer behaviour of the ionic liquid, [C4mim][NTf2] 29 (2008) 149
- Cherrye, E.M., C.J. Elkins and J.K. Eaton, Geometric sensitivity of three-dimensional separated flows 29 (2008) 803
- Ching, C.Y., see Ahmed, W.H. 29 (2008) 194
- Cho, H.H., see Hwang, S.D. 29 (2008) 916
- Chopard, B., see Huber, C. 29 (2008) 1469
- Comiti, J., see Huchet, F. 29 (2008) 1411
- Corradini, M., see Licht, J. 29 (2008) 156
- Cossali, G.E., M. Marengo and M. Santini, Thermally induced secondary drop atomisation by single drop impact onto heated surfaces 29 (2008) 167
- Cotton, M.A., see Kim, K.R. 29 (2008) 1650
- Coursey, J.S. and J. Kim, Nanofluid boiling: The effect of surface wettability 29 (2008) 1577
- Craft, T.J., see Kim, K.R. 29 (2008) 1650
- Craft, T.J., H. Iacovides and N.A. Mostafa, Modelling of three-dimensional jet array impingement and heat transfer on a concave surface 29 (2008) 687
- Crua, C., see Katoshevski, D. 29 (2008) 415
- Cutrone, L., P. De Palma, G. Pascasio and M. Napolitano, Predicting transition in two- and three-dimensional separated flows 29 (2008) 504
- de Lange, H.C., see Jovanović, M.B. 29 (2008) 377
- De Palma, P., see Cutrone, L. 29 (2008) 504
- Dib, A., S. Martemianov, L. Makhloufi and B. Saidani, Thermo-compensation of electrodiffusional wall velocity gradient measurements 29 (2008) 219
- Dietzel, M., N.R. Bieri and D. Poulikakos, Dropwise deposition and wetting of nanoparticle suspensions 29 (2008) 250
- Ding, Y., see Chen, H. 29 (2008) 149
- Dixit, A., see Jeong, J.J. 29 (2008) 178
- Doan, S.K., see Pham, M.V. 29 (2008) 1240
- Dorignac, E., see Fenot, M. 29 (2008) 945
- Drallmeier, J.A., see Lan, H. 29 (2008) 449
- Ducros, F., see Brillant, G. 29 (2008) 1670
- Dulin, V.M., see Alekseenko, S.V. 29 (2008) 1699
- Duluc, M.-C., S. Xin, F. Lusseyran and P. Le Quéré, Numerical and experimental investigation of laminar free convection around a thin wire: Long time scalings and assessment of numerical approach 29 (2008) 1125
- Duwig, C., see Maciel, Y. 29 (2008) 675
- Eaton, J.K., see Cherrye, E.M. 29 (2008) 803
- Eaton, J.K., see Oh, D.-W. 29 (2008) 1456
- Eckels, S., see Zhang, N. 29 (2008) 1558
- Elkins, C.J., see Cherrye, E.M. 29 (2008) 803
- Elshafei, E.A.M., M. Safwat Mohamed, H. Mansour and M. Sakr, Experimental study of heat transfer in pulsating turbulent flow in a pipe 29 (2008) 1029
- Facciolo, L., see Maciel, Y. 29 (2008) 675
- Fekri, M., see Alloui, Z. 29 (2008) 1154
- Fenot, M., E. Dorignac and J.-J. Vullierme, An experimental study on hot round jets impinging a concave surface 29 (2008) 945
- Ferreira, V., see Mayor, T.S. 29 (2008) 1039
- Friedrich, M., see Lan, H. 29 (2008) 449
- Friedrich, R., see Ghosh, S. 29 (2008) 579
- Friedrich, R., T.B. Gatski and F.W. Schmidt, Preface 29 (2008) 567
- Friess, H., see Petrasch, J. 29 (2008) 315
- Fröhlich, J., see Wang, P. 29 (2008) 654
- Fuchs, L., see Maciel, Y. 29 (2008) 675
- Gajusingh, S.T. and M.H. Kamran Siddiqui, The influence of wall heating on the flow structure in the near-wall region 29 (2008) 903
- García de María, J.M., see Baïri, A. 29 (2008) 1337
- Gatski, T.B., see Friedrich, R. 29 (2008) 567
- Gatski, T.B., see Qiu, J.-F. 29 (2008) 1628
- Gavaies, M., see Tonini, S. 29 (2008) 427
- Gavrilidis, A., see Shao, N. 29 (2008) 1603
- Gervais, Y., see Hoarau, C. 29 (2008) 812
- Ghosh, S., J. Sesterhenn and R. Friedrich, Large-eddy simulation of supersonic turbulent flow in axisymmetric nozzles and diffusers 29 (2008) 579
- Giessler, C., R. Schlegel and A. Thess, Numerical investigation of the flow of a glass melt through a long circular pipe 29 (2008) 1462
- Girón-Palomares, B., see Oviedo-Tolentino, F. 29 (2008) 1233
- Goodson, K.E., see Oh, D.-W. 29 (2008) 1456
- Gosselin, L., see Leblond, G. 29 (2008) 281
- Goulas, A., see Yakinthos, K. 29 (2008) 35
- Große, S. and W. Schröder, Dynamic wall-shear stress measurements in turbulent pipe flow using the micro-pillar sensor MPS-3 29 (2008) 830
- Grötzbach, G., see Chandra, L. 29 (2008) 743
- Gurlek, C., see Sahin, B. 29 (2008) 340
- Halouani, K., see Borjini, M.N. 29 (2008) 107
- Ham, F., see Kobayashi, H. 29 (2008) 640
- Hamidi, A.-A., see Masoumifard, N. 29 (2008) 15
- Hanchi, S., see Menfoukh, L. 29 (2008) 479
- Handler, R.A., see Scott, N.V. 29 (2008) 1103
- Hardacre, C., see Chen, H. 29 (2008) 149
- Hasegawa, Y. and N. Kasagi, Systematic analysis of high Schmidt number turbulent mass transfer across clean, contaminated and solid interfaces 29 (2008) 765
- Hasnaoui, M., see Mansour, A. 29 (2008) 306
- Hasnaoui, M., see Raji, A. 29 (2008) 1174
- Hassel, E., see Kornev, N. 29 (2008) 665
- Hatzikonstantinou, P.M., see Papadopoulos, P.K. 29 (2008) 540
- Hazuku, T., see Takamasa, T. 29 (2008) 1593
- He, Y., see Chen, H. 29 (2008) 149
- Heikal, M.R., see Katoshevski, D. 29 (2008) 415
- Hemida, H., F. Spehr and S. Krajnović, Local heat transfer enhancement around a matrix of wall-mounted cubes using passive flow control: Large-eddy simulations 29 (2008) 1258
- Henningson, D.S., see Monokrousos, A. 29 (2008) 841
- Hernández-Guerrero, A., see Oviedo-Tolentino, F. 29 (2008) 1233
- Heynes, O.R., see Kim, K.R. 29 (2008) 1650

- Hibiki, T., see Takamasa, T. 29 (2008) 1593
- Hibiki, T., see Liu, Y. 29 (2008) 1402
- Hibiki, T., see Jeong, J.J. 29 (2008) 178
- Hickel, S. and N.A. Adams, Implicit LES applied to zero-pressure-gradient and adverse-pressure-gradient boundary-layer turbulence 29 (2008) 626
- Hirayama, T., see Tanahashi, M. 29 (2008) 792
- Hoarau, C., J. Borée, J. Laumonier and Y. Gervais, Unsteady wall pressure field of a model A-pillar conical vortex 29 (2008) 812
- Homan, K.O., see Tarawneh, C.M. 29 (2008) 1113
- Houra, T. and Y. Nagano, Spatio-temporal turbulent structures of thermal boundary layer subjected to non-equilibrium adverse pressure gradient 29 (2008) 591
- Hu, W.R., see Li, K. 29 (2008) 1190
- Huang, J.-C. and M.W. Johnson, Boundary layer receptivity measurements on compliant surfaces 29 (2008) 495
- Huang, W.-X., S.-H. Lee, H.J. Sung, T.-M. Lee and D.-S. Kim, Simulation of liquid transfer between separating walls for modeling micro-gravure-offset printing 29 (2008) 1436
- Huber, C., A. Parmigiani, B. Chopard, M. Manga and O. Bachmann, Lattice Boltzmann model for melting with natural convection 29 (2008) 1469
- Huchet, F., J. Comiti, P. Legentilhomme, C. Sollicec, J. Legrand and A. Montillet, Multi-scale analysis of hydrodynamics inside a network of crossing minichannels using electrodiffusion method and PIV measurements 29 (2008) 1411
- Humphrey, J.A.C., J.L. Rosales, L.A. Legendre, J. Patrick LeDuc and J.P. Landers, Vortex dynamics in confined counter-current shearing flows with applications to mixing 29 (2008) 1089
- Hunt, G.R., see Syrios, K. 29 (2008) 364
- Husson, S., see Brillant, G. 29 (2008) 1670
- Hwang, J.-Y., K.-S. Yang, D.-H. Yoon and K. Bremhorst, Flow field characterization of a rotating cylinder 29 (2008) 1268
- Hwang, S.D., H.G. Kwon and H.H. Cho, Heat transfer with dimple/protrusion arrays in a rectangular duct with a low Reynolds number range 29 (2008) 916
- Iacovides, H., see Craft, T.J. 29 (2008) 687
- Ibrahim, A.A., see Mandal, A. 29 (2008) 1494
- Imaishi, N., see Li, K. 29 (2008) 1190
- Imashiro, T., see Kurose, R. 29 (2008) 774
- Inghilesi, R., V. Stocca, F. Roman and V. Armenio, Dispersion of a vertical jet of buoyant particles in a stably stratified wind-driven Ekman layer 29 (2008) 733
- Ishii, M., see Liu, Y. 29 (2008) 1402
- Ishii, M., see Jeong, J.J. 29 (2008) 178
- Iwamoto, K., see Makino, S. 29 (2008) 602
- Izadpanah, M.R., see Jamialahmadi, M. 29 (2008) 1541
- Jabbal, M. and S. Zhong, The near wall effect of synthetic jets in a boundary layer 29 (2008) 119
- Jafari, A., T. Tynjälä, S.M. Mousavi and P. Sarkomaa, Simulation of heat transfer in a ferrofluid using computational fluid dynamics technique 29 (2008) 1197
- Jain, A., see Oh, D.-W. 29 (2008) 1456
- Jakirlić, S., see Omori, T. 29 (2008) 703
- Jamialahmadi, M., H. Müller-Steinhagen and M.R. Izadpanah, Erratum to: "Pressure drop, gas hold-up and heat transfer during single and two-phase flow through porous media" [Int. J. Heat Fluid Flow 26 (2005) 156–172] 29 (2008) 1541
- Jeong, J.J., B. Ozar, A. Dixit, J.E. Juliá, T. Hibiki and M. Ishii, Interfacial area transport of vertical upward air–water two-phase flow in an annulus channel 29 (2008) 178
- Jiang, P.-X., see Xu, R.-N. 29 (2008) 1447
- Jocksch, A. and L. Kleiser, Growth of turbulent spots in high-speed boundary layers on a flat plate 29 (2008) 1543
- Jog, M.A., see Mandal, A. 29 (2008) 1494
- Johnson, M.W., see Huang, J.-C. 29 (2008) 495
- Jones, W.P. and D. Lentini, A realisable non-linear eddy viscosity/diffusivity model for confined swirling flows 29 (2008) 1612
- Jovanović, M.B., H.C. de Lange and A.A. van Steenhoven, Effect of hole imperfection on adiabatic film cooling effectiveness 29 (2008) 377
- Juliá, J.E., see Jeong, J.J. 29 (2008) 178
- Juntasaro, E., see Suluksna, K. 29 (2008) 48
- Kandaswamy, P., see Hakeem, A.K. Abdul 29 (2008) 1164
- Karimian, S.A.M. and A.G. Straatman, CFD study of the hydraulic and thermal behavior of spherical-void-phase porous materials 29 (2008) 292
- Kasagi, N., see Hasegawa, Y. 29 (2008) 765
- Katoshevski, D., M.R. Heikal, T. Shakked, S.S. Sazhin, C. Crua, Grouping and trapping of evaporating droplets in an oscillating gas flow 29 (2008) 415
- Katti, V. and S.V. Prabhu, Heat transfer enhancement on a flat surface with axisymmetric detached ribs by normal impingement of circular air jet 29 (2008) 1279
- Kawamura, H., see Makino, S. 29 (2008) 602
- Kelly, J.M., see Liu, Y. 29 (2008) 1402
- Kenjereš, S., Numerical analysis of blood flow in realistic arteries subjected to strong non-uniform magnetic fields 29 (2008) 752
- Kim, B.J., see Yoon, M.S. 29 (2008) 269
- Kim, D.-S., see Huang, W.-X. 29 (2008) 1436
- Kim, J., see Coursey, J.S. 29 (2008) 1577
- Kim, J., see Sathyamurthi, V. 29 (2008) 207
- Kim, J.H., see Lee, S.-H. 29 (2008) 1679
- Kim, K.R., M.A. Cotton, T.J. Craft and O.R. Heynes, On the dynamics and frequency response of fully-pulsed turbulent round jets: Computations using two-time-scale/strain-sensitized eddy viscosity models 29 (2008) 1650
- Kim, M.-S., K.-S. Lee and S. Song, Effects of pass arrangement and optimization of design parameters on the thermal performance of a multi-pass heat exchanger 29 (2008) 352
- Kim, W.-S., see Kim, Y.-D. 29 (2008) 1481
- Kim, Y.-D. and W.-S. Kim, A numerical analysis of heat and fluid flow with a deformable curved free surface in a laser melting process 29 (2008) 1481
- Kleinstreuer, C., see Li, J. 29 (2008) 1221
- Kleiser, L., see Jocksch, A. 29 (2008) 1543
- Klostermann, J., see Schwarze, R. 29 (2008) 1688
- Kobayashi, H., F. Ham and X. Wu, Application of a local SGS model based on coherent structures to complex geometries 29 (2008) 640
- Köksoy, C., see Lienhart, H. 29 (2008) 783
- Komori, S., see Kurose, R. 29 (2008) 774
- Konstantinidis, E. and S. Balabani, Flow structure in the locked-on wake of a circular cylinder in pulsating flow: Effect of forcing amplitude 29 (2008) 1567
- Kontis, K., R. An, D. Kounadis and H. Zare-Behtash, Head-on collision of shock wave induced vortices with a cylinder and a sphere 29 (2008) 1380

- Kornev, N., V. Zhdanov and E. Hassel, Study of scalar macro- and microstructures in a confined jet 29 (2008) 665
- Kounadis, D., see Kontis, K. 29 (2008) 1380
- Kozorezov, Y.S., see Alekseenko, S.V. 29 (2008) 1699
- Krajnović, S., see Hemida, H. 29 (2008) 1258
- Kuhn, S. and P. Rudolf von Rohr, Experimental investigation of mixed convective flow over a wavy wall 29 (2008) 94
- Kurose, R., T. Imashiro and S. Komori, The effects of swell on turbulence over wavy walls 29 (2008) 774
- Kurt, H., see Recebli, Z. 29 (2008) 263
- Kwon, H.G., see Hwang, S.D. 29 (2008) 916
- Laizet, S., see Lamballais, E. 29 (2008) 612
- Lam, K. and Y.F. Lin, Large eddy simulation of flow around wavy cylinders at a subcritical Reynolds number 29 (2008) 1071
- Lamballais, E., J. Silvestrini and S. Laizet, Direct numerical simulation of a separation bubble on a rounded finite-width leading edge 29 (2008) 612
- Lan, H., M. Friedrich, B.F. Armaly and J.A. Drallmeier, Simulation and measurement of 3D shear-driven thin liquid film flow in a duct 29 (2008) 449
- Landers, J.P., see Humphrey, J.A.C. 29 (2008) 1089
- Lankadasu, A. and S. Vengadesan, Onset of vortex shedding in planar shear flow past a square cylinder 29 (2008) 1054
- Laraqi, N., see Baïri, A. 29 (2008) 1337
- Laumonier, J., see Hoarau, C. 29 (2008) 812
- Launder, B.E., Letter from the Editors 29 (2008) 856
- Laurence, D., see Berrouk, A.S. 29 (2008) 1010
- Laviéville, J., see Bartosiewicz, Y. 29 (2008) 460
- Le Quéré, P., see Duluc, M.-C. 29 (2008) 1125
- Leal, N., see Silva, G. 29 (2008) 1211
- Leblond, G. and L. Gosselin, Effect of non-local equilibrium on minimal thermal resistance porous layered systems 29 (2008) 281
- LeDuc, J. Patrick, see Humphrey, J.A.C. 29 (2008) 1089
- Lee, C.S., see Suh, H.K. 29 (2008) 1001
- Lee, J.-H. and H.J. Sung, Effects of an adverse pressure gradient on a turbulent boundary layer 29 (2008) 568
- Lee, J.H., see Park, B.H. 29 (2008) 1369
- Lee, J.S., see Oh, D.-W. 29 (2008) 1456
- Lee, K.-S., see Kim, M.-S. 29 (2008) 352
- Lee, S.-H., see Huang, W.-X. 29 (2008) 1436
- Lee, S.-H., J.H. Kim and H.J. Sung, PIV measurements of turbulent boundary layer over a rod-roughened wall 29 (2008) 1679
- Lee, T.-M., see Huang, W.-X. 29 (2008) 1436
- Legendre, L.A., see Humphrey, J.A.C. 29 (2008) 1089
- Legentilhomme, P., see Huchet, F. 29 (2008) 1411
- Légrand, J., see Huchet, F. 29 (2008) 1411
- Lei, C., see Xu, F. 29 (2008) 1139
- Lentini, D., see Jones, W.P. 29 (2008) 1612
- Li, J. and C. Kleinstreuer, Thermal performance of nanofluid flow in microchannels 29 (2008) 1221
- Li, K., B. Xun, N. Imaishi, S. Yoda and W.R. Hu, Thermocapillary flows in liquid bridges of molten tin with small aspect ratios 29 (2008) 1190
- Li, Z., see Meng, F. 29 (2008) 1203
- Licht, J., M. Anderson and M. Corradini, Heat transfer to water at supercritical pressures in a circular and square annular flow geometry 29 (2008) 156
- Lienhart, H., M. Breuer and C. Köksoy, Drag reduction by dimples? – A complementary experimental/numerical investigation 29 (2008) 783
- Lim, J.H., see Park, B.H. 29 (2008) 327
- Lin, Y.F., see Lam, K. 29 (2008) 1071
- Liu, D., see Zhao, F.-Y. 29 (2008) 1295
- Liu, Y., T. Hibiki, X. Sun, M. Ishii and J.M. Kelly, Drag coefficient in one-dimensional two-group two-fluid model 29 (2008) 1402
- Lusseyran, F., see Duluc, M.-C. 29 (2008) 1125
- Maciel, Y., L. Facciolo, C. Duwig, L. Fuchs and P.H. Alfredsson, Near-field dynamics of a turbulent round jet with moderate swirl 29 (2008) 675
- Mahir, N. and Z. Altaç, Numerical investigation of convective heat transfer in unsteady flow past two cylinders in tandem arrangements 29 (2008) 1309
- Makhloufi, L., see Dib, A. 29 (2008) 219
- Makino, S., K. Iwamoto and H. Kawamura, Turbulent structures and statistics in turbulent channel flow with two-dimensional slits 29 (2008) 602
- Mandal, A., M.A. Jog, J. Xue and A.A. Ibrahim, Flow of power-law fluids in simplex atomizers 29 (2008) 1494
- Manga, M., see Huber, C. 29 (2008) 1469
- Mansour, A., A. Amahmid and M. Hasnaoui, Soret effect on thermosolutal convection developed in a horizontal shallow porous layer salted from below and subject to cross fluxes of heat 29 (2008) 306
- Mansour, H., see Elshafei, E.A.M. 29 (2008) 1029
- Marengo, M., see Cossali, G.E. 29 (2008) 167
- Markovich, D.M., see Alekseenko, S.V. 29 (2008) 1699
- Martemianov, S., see Dib, A. 29 (2008) 219
- Mostoufi, N., A.-A. Hamidi and R. Sotudeh-Gharabagh, N. Masoumifard, Investigation of heat transfer between a horizontal tube and gas-solid fluidized bed 29 (2008) 1504
- Mayor, T.S., V. Ferreira, A.M.F.R. Pinto and J.B.L.M. Campos, Hydrodynamics of gas-liquid slug flow along vertical pipes in turbulent regime – An experimental study 29 (2008) 1039
- Meier, F., see Petrasch, J. 29 (2008) 315
- Meinke, M., see Renze, P. 29 (2008) 18
- Menfoukh, L., S. Hanchi, H. Oualli, A. Bouabdellah and R. Askovic, Experimental investigation of a circular radially deforming cylinder near wake using an infrared technique 29 (2008) 479
- Meng, F., M. Wang and Z. Li, Lattice Boltzmann simulations of conjugate heat transfer in high-frequency oscillating flows 29 (2008) 1203
- Michelassi, V., see Wang, P. 29 (2008) 654
- Mirmasoumi, S. and A. Behzadmehr, Effect of nanoparticles mean diameter on mixed convection heat transfer of a nanofluid in a horizontal tube 29 (2008) 557
- Miyauchi, T., see Tanahashi, M. 29 (2008) 792
- Monchaux, R., see Poncet, S. 29 (2008) 62
- Monokrousos, A., L. Brandt, P. Schlatter and D.S. Henningson, DNS and LES of estimation and control of transition in boundary layers subject to free-stream turbulence 29 (2008) 841
- Montillet, A., see Huchet, F. 29 (2008) 1411
- Mostafa, N.A., see Craft, T.J. 29 (2008) 687
- Mostoufi, N., see Masoumifard, N. 29 (2008) 15
- Mousavi, S.M., see Jafari, A. 29 (2008) 1197
- Müller-Steinhagen, H., see Jamialahmadi, M. 29 (2008) 1541
- Murthy, M.V. Krishna, see Sambamurthy, N.B. 29 (2008) 1347
- Nagano, Y., see Houra, T. 29 (2008) 591
- Nait Bouda, N., R. Schiestel, M. Amielh, C. Rey and T. Benabid, Experimental approach and numerical

- prediction of a turbulent wall jet over a backward facing step 29 (2008) 927
- Nancarrow, P., see Chen, H. 29 (2008) 149
- Napolitano, M., see Cutrone, L. 29 (2008) 504
- Narasimham, G.S.V.L., see Sambamurthy, N.B. 29 (2008) 1347
- Obi, S., see Qiu, J.-F. 29 (2008) 1628
- Obi, S., see Omori, T. 29 (2008) 703
- Oh, D.-W., A. Jain, J.K. Eaton, K.E. Goodson and J.S. Lee, Thermal conductivity measurement and sedimentation detection of aluminum oxide nanofluids by using the 3ω method 29 (2008) 1456
- Ölçmen, S.M. and R.L. Simpson, Experimental transport-rate budgets in complex 3-D turbulent flow near a wing/body junction 29 (2008) 874
- Omori, T., S. Jakirlić, C. Tropea and S. Obi, Shearless and sheared flow past a circular cylinder: Comparative analysis by means of LES 29 (2008) 703
- Ormiston, S.J., see Paul, S.S. 29 (2008) 387
- Otani, K., see Pavlova, A.A. 29 (2008) 131
- Otani, K., see Pavlova, A.A. 29 (2008) 985
- Oualli, H., see Menfoukh, L. 29 (2008) 479
- Oviedo-Tolentino, F., R. Romero-Méndez, A. Hernández-Guerrero and B. Girón-Palomares, Experimental study of fluid flow in the entrance of a sinusoidal channel 29 (2008) 1233
- Ozar, B., see Jeong, J.J. 29 (2008) 178
- Oztop, H.F. and E. Abu-Nada, Numerical study of natural convection in partially heated rectangular enclosures filled with nanofluids 29 (2008) 1326
- Ozturk, N.A., see Sahin, B. 29 (2008) 340
- Papadopoulos, P.K. and P.M. Hatzikonstantinou, Numerical study of laminar fluid flow in a curved elliptic duct with internal fins 29 (2008) 540
- Park, B.H., J.H. Lim and W. Yoon, Fluid dynamics in starting and terminating transients of zero-secondary flow ejector 29 (2008) 327
- Park, B.H., J.H. Lee and W. Yoon, Studies on the starting transient of a straight cylindrical supersonic exhaust diffuser: Effects of diffuser length and pre-evacuation state 29 (2008) 1369
- Parmigiani, A., see Huber, C. 29 (2008) 1469
- Pascasio, G., see Cutrone, L. 29 (2008) 504
- Patterson, J.C., see Xu, F. 29 (2008) 1139
- Paul, S.S., S.J. Ormiston and M.F. Tachie, Experimental and numerical investigation of turbulent cross-flow in a staggered tube bundle 29 (2008) 387
- Pavesi, G., G. Cavazzini and G. Ardizzone, Time-frequency characterization of the unsteady phenomena in a centrifugal pump 29 (2008) 1527
- Pavlova, A.A., K. Otani and M. Amitay, Active performance enhancement of spray cooling 29 (2008) 985
- Pavlova, A.A., K. Otani and M. Amitay, Active control of sprays using a single synthetic jet actuator 29 (2008) 131
- Petrash, J., F. Meier, H. Friess and A. Steinfeld, Tomography based determination of permeability, Dupuit-Forchheimer coefficient, and interfacial heat transfer coefficient in reticulate porous ceramics 29 (2008) 315
- Pham, M.V., F. Plourde and S.K. Doan, Turbulent heat and mass transfer in sinusoidal wavy channels 29 (2008) 1240
- Pinarbasi, A., Experimental hot-wire measurements in a centrifugal compressor with vaned diffuser 29 (2008) 1512
- Pinto, A.M.F.R., see Mayor, T.S. 29 (2008) 1039
- Plourde, F., see Pham, M.V. 29 (2008) 1240
- Poncet, S., R. Schiestel and R. Monchoux, Turbulence modeling of the Von Kármán flow: Viscous and inertial stirrings 29 (2008) 62
- Poulikakos, D., see Dietzel, M. 29 (2008) 250
- Prabhu, S.V., see Katti, V. 29 (2008) 1279
- Qiu, J.-F., S. Obi and T.B. Gatski, On the weak-equilibrium condition for derivation of algebraic heat flux model 29 (2008) 1628
- Quadrio, M., see Ricco, P. 29 (2008) 891
- Raji, A., M. Hasnaoui and A. Bahlaoui, Numerical study of natural convection dominated heat transfer in a ventilated cavity: Case of forced flow playing simultaneous assisting and opposing roles 29 (2008) 1174
- Recebli, Z. and H. Kurt, Two-phase steady flow along a horizontal glass pipe in the presence of the magnetic and electrical fields 29 (2008) 263
- Renze, P., W. Schröder and M. Meinke, Large-eddy simulation of film cooling flows at density gradients 29 (2008) 18
- Rey, C., see Nait Bouda, N. 29 (2008) 927
- Ricco, P. and M. Quadrio, Wall-oscillation conditions for drag reduction in turbulent channel flow 29 (2008) 891
- Ridouane, El.H. and A. Campo, Numerical simulation of the 3D behavior of thermal buoyant airflows in pentahedral spaces 29 (2008) 1360
- Rodi, W., see Wissink, J.G. 29 (2008) 1060
- Rodi, W., see Wang, P. 29 (2008) 654
- Roman, F., see Inghilesi, R. 29 (2008) 733
- Romero-Méndez, R., see Oviedo-Tolentino, F. 29 (2008) 1233
- Rooney, D., see Chen, H. 29 (2008) 149
- Rosales, J.L., see Humphrey, J.A.C. 29 (2008) 1089
- Rozati, A. and D.K. Tafti, Large-eddy simulations of leading edge film cooling: Analysis of flow structures, effectiveness, and heat transfer coefficient 29 (2008) 1
- Rozati, A. and D.K. Tafti, Effect of coolant-mainstream blowing ratio on leading edge film cooling flow and heat transfer – LES investigation 29 (2008) 857
- Rudolf von Rohr, P., see Kuhn, S. 29 (2008) 94
- Safwat Mohamed, M., see Elshafei, E.A.M. 29 (2008) 1029
- Sahin, B., N.A. Ozturk and C. Gurlek, Horseshoe vortex studies in the passage of a model plate-fin-and-tube heat exchanger 29 (2008) 340
- Saidani, B., see Dib, A. 29 (2008) 219
- Sakamoto, H., see Sathyamurthi, V. 29 (2008) 207
- Sakr, M., see Elshafei, E.A.M. 29 (2008) 1029
- Salman, W., see Shao, N. 29 (2008) 1603
- Sambamurthy, N.B., A. Shaija, G.S.V.L. Narasimham and M.V. Krishna Murthy, Laminar conjugate natural convection in horizontal annuli 29 (2008) 1347
- Santini, M., see Cossali, G.E. 29 (2008) 167
- Saravanan, S., see Hakeem, A.K. Abdul 29 (2008) 1164
- Sarkar, S., see Taylor, J.R. 29 (2008) 721
- Sarkomaa, P., see Jafari, A. 29 (2008) 1197
- Sathyamurthi, V., D. Banerjee, H. Sakamoto and J. Kim, Measurement of the fractal order of wall void fraction during nucleate boiling 29 (2008) 207
- Satti, R.P. and A.K. Agrawal, Computational study of buoyancy effects in a laminar starting jet 29 (2008) 527
- Sazhin, S.S., see Katoshevski, D. 29 (2008) 415
- Schiestel, R., see Nait Bouda, N. 29 (2008) 927
- Schiestel, R., see Poncet, S. 29 (2008) 62

- Schlatter, P., see Monokrousos, A. 29 (2008) 841
- Schlegel, R., see Giessler, C. 29 (2008) 1462
- Schmidt, F.W., see Friedrich, R. 29 (2008) 567
- Schröder, W., see Große, S. 29 (2008) 830
- Schröder, W., see Renze, P. 29 (2008) 18
- Schwarze, R., J. Klostermann and C. Brücker, Experimental and numerical investigations of a turbulent round jet into a cavity 29 (2008) 1688
- Scott, N.V., R.A. Handler and G.B. Smith, Wavelet analysis of the surface temperature field at an air–water interface subject to moderate wind stress 29 (2008) 1103
- Semiao, V., see Silva, G. 29 (2008) 1211
- Sesterhenn, J., see Ghosh, S. 29 (2008) 579
- Seynhaeve, J.-M., see Bartosiewicz, Y. 29 (2008) 460
- Shahraki, F., see Akbari, M. 29 (2008) 545
- Shaija, A., see Sambamurthy, N.B. 29 (2008) 1347
- Shakke, T., see Katoshevski, D. 29 (2008) 415
- Shao, N., W. Salman, A. Gavrilidis and P. Angeli, CFD simulations of the effect of inlet conditions on Taylor flow formation 29 (2008) 1603
- Shoukri, M., see Ahmed, W.H. 29 (2008) 194
- Shur, M.L., P.R. Spalart, M.K. Strelets and A.K. Travin, A hybrid RANS-LES approach with delayed-DES and wall-modelled LES capabilities 29 (2008) 1638
- Siauw, W.L., see Bonnet, J.-P. 29 (2008) 957
- Siddiqui, M.H. Kamran, see Gajusingh, S.T. 29 (2008) 903
- Silva, G., N. Leal and V. Semiao, Micro-PIV and CFD characterization of flows in a microchannel: Velocity profiles, surface roughness and Poiseuille numbers 29 (2008) 1211
- Silvestrini, J., see Lamballais, E. 29 (2008) 612
- Simpson, R.L., see Todd Lowe, K. 29 (2008) 820
- Simpson, R.L., see Ölçmen, S.M. 29 (2008) 874
- Smith, G.B., see Scott, N.V. 29 (2008) 1103
- Sollic, C., see Huchet, F. 29 (2008) 1411
- Song, S., see Kim, M.-S. 29 (2008) 352
- Sotudeh-Gharebagh, R., see Masoumifard, N. 29 (2008) 15
- Spalart, P.R., see Shur, M.L. 29 (2008) 1638
- Spehr, F., see Hemida, H. 29 (2008) 1258
- Steinfeld, A., see Petrasch, J. 29 (2008) 315
- Stocca, V., see Inghilesi, R. 29 (2008) 733
- Straatman, A.G., see Karimian, S.A.M. 29 (2008) 292
- Strelets, M.K., see Shur, M.L. 29 (2008) 1638
- Suh, H.K. and C.S. Lee, Effect of cavitation in nozzle orifice on the diesel fuel atomization characteristics 29 (2008) 1001
- Suluksna, K. and E. Juntasaro, Assessment of intermittency transport equations for modeling transition in boundary layers subjected to free-stream turbulence 29 (2008) 48
- Sun, X., see Liu, Y. 29 (2008) 1402
- Sung, H.J., see Lee, S.-H. 29 (2008) 1679
- Sung, H.J., see Huang, W.-X. 29 (2008) 1436
- Sung, H.J., see Lee, J.-H. 29 (2008) 568
- Sung, H.J., see Yoon, M.S. 29 (2008) 269
- Syrios, K. and G.R. Hunt, Passive air exchanges between building and urban canyon via openings in a single façade 29 (2008) 364
- Tachie, M.F., see Paul, S.S. 29 (2008) 387
- Tafti, D.K., see Rozati, A. 29 (2008) 1
- Tafti, D.K., see Rozati, A. 29 (2008) 857
- Taka, S., see Tanahashi, M. 29 (2008) 792
- Takamasa, T., T. Hazuku and T. Hibiki, Experimental Study of gas–liquid two-phase flow affected by wall surface wettability 29 (2008) 1593
- Tamburello, D.A. and M. Amitay, Active control of a free jet using a synthetic jet 29 (2008) 967
- Tan, C., see Chen, H. 29 (2008) 149
- Tanahashi, M., T. Hirayama, S. Taka and T. Miyauchi, Measurement of fine scale structure in turbulence by time-resolved dual-plane stereoscopic PIV 29 (2008) 792
- Tanda, G., Natural convective heat transfer in vertical channels with low-thermal-conductivity ribs 29 (2008) 1319
- Tang, G.-F., see Zhao, F.-Y. 29 (2008) 1295
- Tarawneh, C.M. and K.O. Homan, Measurements of density profile evolution during the stably-stratified filling of an open enclosure 29 (2008) 1113
- Taylor, J.R. and S. Sarkar, Direct and large eddy simulations of a bottom Ekman layer under an external stratification 29 (2008) 721
- Tchuen, G. and D.E. Zeitoun, Computation of weakly ionized air flow in thermochemical none-equilibrium over sphere–cones 29 (2008) 1393
- Tensi, J., see Bonnet, J.-P. 29 (2008) 957
- Theodorakakos, A., see Tonini, S. 29 (2008) 427
- Thess, A., see Giessler, C. 29 (2008) 1462
- Todd Lowe, K. and R.L. Simpson, Turbulence structural measurements using a comprehensive laser-Doppler velocimeter in two- and three-dimensional turbulent boundary layers 29 (2008) 820
- Tonini, S., M. Gavaises and A. Theodorakakos, Modelling of high-pressure dense diesel sprays with adaptive local grid refinement 29 (2008) 427
- Travin, A.K., see Shur, M.L. 29 (2008) 1638
- Tropea, C., see Omori, T. 29 (2008) 703
- Tynjälä, T., see Jafari, A. 29 (2008) 1197
- Van den Bulck, E., see Vanierschot, M. 29 (2008) 75
- van Steenhoven, A.A., see Jovanović, M.B. 29 (2008) 377
- Vanierschot, M. and E. Van den Bulck, The influence of swirl on the reattachment length in an abrupt axisymmetric expansion 29 (2008) 75
- Vasseur, P., see Alloui, Z. 29 (2008) 1154
- Vengadesan, S., see Lankadasu, A. 29 (2008) 1054
- Vlahostergios, Z., see Yakinthos, K. 29 (2008) 35
- Vullierme, J.-J., see Fenot, M. 29 (2008) 945
- Wang, M., see Meng, F. 29 (2008) 1203
- Wang, P., J. Fröhlich, V. Michelassi and W. Rodi, Large-eddy simulation of variable-density turbulent axisymmetric jets 29 (2008) 654
- Wissink, J.G. and W. Rodi, Numerical study of the near wake of a circular cylinder 29 (2008) 1060
- Wu, X., see Kobayashi, H. 29 (2008) 640
- Xin, S., see Duluc, M.-C. 29 (2008) 1125
- Xu, F., J.C. Patterson and C. Lei, An experimental study of the unsteady thermal flow around a thin fin on a sidewall of a differentially heated cavity 29 (2008) 1139
- Xu, R.-N. and P.-X. Jiang, Numerical simulation of fluid flow in microporous media 29 (2008) 1447
- Xue, J., see Mandal, A. 29 (2008) 1494
- Xun, B., see Li, K. 29 (2008) 1190

- Yakinthos, K., Z. Vlachostergios and A. Goulas, Modeling the flow in a 90° rectangular duct using one Reynolds-stress and two eddy-viscosity models 29 (2008) 35
- Yang, K.-S., see Hwang, J.-Y. 29 (2008) 1268
- Yoda, S., see Li, K. 29 (2008) 1190
- Yoon, D.-H., see Hwang, J.-Y. 29 (2008) 1268
- Yoon, M.S., B.J. Kim and H.J. Sung, Pumping and mixing in a microchannel using AC asymmetric electrode arrays 29 (2008) 269
- Yoon, W., see Park, B.H. 29 (2008) 327
- Yoon, W., see Park, B.H. 29 (2008) 1369
- Zare-Behtash, H., see Kontis, K. 29 (2008) 1380
- Zeghmata, B., see Borjini, M.N. 29 (2008) 107
- Zeitoun, D.E., see Tchen, G. 29 (2008) 1393
- Zhang, N., Z.C. Zheng and S. Eckels, Study of heat-transfer on the surface of a circular cylinder in flow using an immersed-boundary method 29 (2008) 1558
- Zhao, F.-Y., D. Liu and G.-F. Tang, Multiple steady fluid flows in a slot-ventilated enclosure 29 (2008) 1295
- Zhdanov, V., see Kornev, N. 29 (2008) 665
- Zheng, Z.C., see Zhang, N. 29 (2008) 1558
- Zhong, S., see Jabbar, M. 29 (2008) 119
- Zhu, J., see Chen, H. 29 (2008) 149
- Zuccher, S., Experimental investigations of the liquid-film instabilities forming on a wire under the action of a die 29 (2008) 1586