

Index of authors and papers to this issue

Ali, I., Becker, S., Utzmann, J. and Munz, C.-D., Aeroacoustic study of a forward facing step using linearized Euler equations	237 (2008) 2184
Appelö, D., see Eliasson, V.	237 (2008) 2203
Araya, G., Leonardi, S. and Castillo, L., Passive scalar statistics in a turbulent channel with local time-periodic blowing/suction at walls	237 (2008) 2190
Bardos, C., Linshiz, J.S. and Titi, E.S., Global regularity for a Birkhoff–Rott- α approximation of the dynamics of vortex sheets of the 2D Euler equations	237 (2008) 1905
Barenghi, C.F., Is the Reynolds number infinite in superfluid turbulence?	237 (2008) 2195
Bec, J., Cencini, M., Hillerbrand, R. and Turitsyn, K., Stochastic suspensions of heavy particles	237 (2008) 2037
Bec, J., see Matsumoto, T.	237 (2008) 1951
Becker, S., see Ali, I.	237 (2008) 2184
Biferale, L., Lanotte, A.S. and Toschi, F., Statistical behaviour of isotropic and anisotropic fluctuations in homogeneous turbulence	237 (2008) 1969
Boatto, S. and Simó, C., Thomson’s Heptagon: A case of bifurcation at infinity	237 (2008) 2051
Bodenschatz, E., see Xu, H.	237 (2008) 2095
Bouchet, F., Simpler variational problems for statistical equilibria of the 2D Euler equation and other systems with long range interactions	237 (2008) 1976
Brachet, M.-É., see Krstulovic, G.	237 (2008) 2015
Branicki, M., Topology of stirring in two-dimensional turbulence: Point vortex in a time-dependent ambient strain	237 (2008) 2056
Brenier, Y., Generalized solutions and hydrostatic approximation of the Euler equations	237 (2008) 1982
Bronzi, A.C., Lopes Filho, M.C. and Nussenzveig Lopes, H.J., Computational visualization of Shnirelman’s compactly supported weak solution	237 (2008) 1989
Burattini, P., Kinet, M., Carati, D. and Knaepen, B., Spectral energetics of quasi-static MHD turbulence	237 (2008) 2062
Busse, F.H., Euler equations in geophysics and astrophysics	237 (2008) 2101
Bustamante, M.D. and Kerr, R.M., 3D Euler about a 2D symmetry plane	237 (2008) 1912
Calzavarini, E., see Volk, R.	237 (2008) 2084
Capel, H.W. and Pasmantier, R.A., Mixing and coherent structures in 2D viscous flows	237 (2008) 1993
Carati, D., see Burattini, P.	237 (2008) 2062
Castillo, L., see Araya, G.	237 (2008) 2190
Cencini, M., see Bec, J.	237 (2008) 2037
Chavanis, P.-H., Statistical mechanics of 2D turbulence with a prior vorticity distribution	237 (2008) 1998
Chekroun, M.D., see Ghil, M.	237 (2008) 2111
Chen, H. and Shan, X., Fundamental conditions for N -th-order accurate lattice Boltzmann models	237 (2008) 2003
Cheng, W.C., see Ching, E.S.C.	237 (2008) 2009
Childress, S., Growth of anti-parallel vorticity in Euler flows	237 (2008) 1921
Ching, E.S.C., Guo, H. and Cheng, W.C., Understanding the different scaling behavior in various shell models proposed for turbulent thermal convection	237 (2008) 2009
Constantin, P., Singular, weak and absent: Solutions of the Euler equations	237 (2008) 1926

Darrigol, O. and Frisch, U., From Newton's mechanics to Euler's equations	237 (2008) 1855
Dreher, J., see Grafke, T.	237 (2008) 1932
Eckert, M., Water-art problems at Sanssouci—Euler's involvement in practical hydrodynamics on the eve of ideal flow theory	237 (2008) 1870
Eliasson, V., Henshaw, W.D. and Appelö, D., On cylindrically converging shock waves shaped by obstacles	237 (2008) 2203
Euler, L., General principles of the motion of fluids	237 (2008) 1825
Euler, L., Principles of the motion of fluids	237 (2008) 1840
Eyink, G.L., Dissipative anomalies in singular Euler flows	237 (2008) 1956
Eyink, G., Frisch, U., Moreau, R. and Sobolevskii, A., General introduction	237 (2008) xi
Farge, M., see Nguyen van yen, R.	237 (2008) 2151
Farge, M., see Schneider, K.	237 (2008) 2228
Fedele, F., Rogue waves in oceanic turbulence	237 (2008) 2127
Friedrich, R., see Wilczek, M.	237 (2008) 2090
Frisch, U., see Darrigol, O.	237 (2008) 1855
Frisch, U., see Grimberg, G.	237 (2008) 1878
Frisch, U., see Matsumoto, T.	237 (2008) 1951
Frisch, U., see Eyink, G.	237 (2008) xi
Fukumoto, Y. and Moffatt, H.K., Kinematic variational principle for motion of vortex rings	237 (2008) 2210
Ghil, M., Chekroun, M.D. and Simonnet, E., Climate dynamics and fluid mechanics: Natural variability and related uncertainties	237 (2008) 2111
Ghil, M., see Hillerbrand, R.	237 (2008) 2132
Gibbon, J.D., The three-dimensional Euler equations: Where do we stand?	237 (2008) 1894
Grafke, T., Homann, H., Dreher, J. and Grauer, R., Numerical simulations of possible finite time singularities in the incompressible Euler equations: Comparison of numerical methods	237 (2008) 1932
Grauer, R., see Grafke, T.	237 (2008) 1932
Grimberg, G., Pauls, W. and Frisch, U., Genesis of d'Alembert's paradox and analytical elaboration of the drag problem	237 (2008) 1878
Guo, H., see Ching, E.S.C.	237 (2008) 2009
Henshaw, W.D., see Eliasson, V.	237 (2008) 2203
Hillerbrand, R., see Bec, J.	237 (2008) 2037
Hillerbrand, R. and Ghil, M., Anthropogenic climate change: Scientific uncertainties and moral dilemmas	237 (2008) 2132
Homann, H., see Grafke, T.	237 (2008) 1932
Hou, T.Y. and Li, R., Blowup or no blowup? The interplay between theory and numerics	237 (2008) 1937
Kambe, T., Variational formulation of the motion of an ideal fluid on the basis of gauge principle	237 (2008) 2067
Kamps, O., see Wilczek, M.	237 (2008) 2090
Kerr, R.M., see Bustamante, M.D.	237 (2008) 1912
Khesin, B. and Lee, P., Poisson geometry and first integrals of geostrophic equations	237 (2008) 2072
Kinet, M., see Burattini, P.	237 (2008) 2062
Kingsbury, N., see Nguyen van yen, R.	237 (2008) 2151
Knaepen, B., see Burattini, P.	237 (2008) 2062
Knobloch, E., Euler, the historical perspective	237 (2008) 1887
Kolomenskiy, D., see Nguyen van yen, R.	237 (2008) 2151
Krstulovic, G. and Brachet, M.-É., Two-fluid model of the truncated Euler equations	237 (2008) 2015
Krueger, P.S., Circulation and trajectories of vortex rings formed from tube and orifice openings	237 (2008) 2218
Lanotte, A.S., see Biferale, L.	237 (2008) 1969
Lavaux, G., Lagrangian reconstruction of cosmic velocity fields	237 (2008) 2139
Lee, P., see Khesin, B.	237 (2008) 2072
Leonardi, S., see Araya, G.	237 (2008) 2190
Li, D. and Sinai, Ya.G., Complex singularities of solutions of some 1D hydrodynamic models	237 (2008) 1945
Li, R., see Hou, T.Y.	237 (2008) 1937

- Linshiz, J.S., see Bardos, C. 237 (2008) 1905
- Lohse, D., see Volk, R. 237 (2008) 2084
- Lopes Filho, M.C., see Bronzi, A.C. 237 (2008) 1989
- Matsumoto, T., Bec, J. and Frisch, U., Complex-space singularities of 2D Euler flow in Lagrangian coordinates 237 (2008) 1951
- Mikhailov, G.K., Euleriana: A short bibliographical note 237 (2008) xvii
- Moffatt, H.K., see Fukumoto, Y. 237 (2008) 2210
- Mohayaei, R. and Sobolevskii, A., The Monge–Ampère–Kantorovich approach to reconstruction in cosmology 237 (2008) 2145
- Mordant, N., see Volk, R. 237 (2008) 2084
- Moreau, R., see Eyink, G. 237 (2008) xi
- Munz, C.-D., see Ali, I. 237 (2008) 2184
- Nguyen van yen, R., Farge, M., Kolomenskiy, D., Schneider, K. and Kingsbury, N., Wavelets meet Burgulence: CVS-filtered Burgers equation 237 (2008) 2151
- Nussenzveig Lopes, H.J., see Bronzi, A.C. 237 (2008) 1989
- Nusser, A., Boundary-value problems in cosmological dynamics 237 (2008) 2158
- Ohkitani, K., A geometrical study of 3D incompressible Euler flows with Clebsch potentials — a long-lived Euler flow and its power-law energy spectrum 237 (2008) 2020
- Pasmanter, R.A., see Capel, H.W. 237 (2008) 1993
- Pauls, W., see Grimberg, G. 237 (2008) 1878
- Pedley, T.J., see Singh, K. 237 (2008) 2234
- Pinton, J.-F., see Volk, R. 237 (2008) 2084
- Procaccia, I. and Sreenivasan, K.R., The state of the art in hydrodynamic turbulence: Past successes and future challenges 237 (2008) 2167
- Rösgen, T., see Sznitman, J. 237 (2008) 2240
- Ricca, R.L., Momenta of a vortex tangle by structural complexity analysis 237 (2008) 2223
- Saint-Raymond, L., From Boltzmann’s kinetic theory to Euler’s equations 237 (2008) 2028
- Sakajo, T. and Yagasaki, K., Chaotic motion of the N -vortex problem on a sphere: II. Saddle centers in three-degree-of-freedom Hamiltonians 237 (2008) 2078
- Schneider, K. and Farge, M., Final states of decaying 2D turbulence in bounded domains: Influence of the geometry 237 (2008) 2228
- Schneider, K., see Nguyen van yen, R. 237 (2008) 2151
- Shan, X., see Chen, H. 237 (2008) 2003
- Simó, C., see Boatto, S. 237 (2008) 2051
- Simonnet, E., see Ghil, M. 237 (2008) 2111
- Sinai, Ya.G., see Li, D. 237 (2008) 1945
- Singh, K. and Pedley, T.J., The hydrodynamics of flexible-body manoeuvres in swimming fish 237 (2008) 2234
- Sobolevskii, A., see Eyink, G. 237 (2008) xi
- Sobolevskii, A., see Mohayaei, R. 237 (2008) 2145
- Sreenivasan, K.R., see Procaccia, I. 237 (2008) 2167
- Sznitman, J. and Rösgen, T., Acoustic streaming flows in a cavity: An illustration of small-scale inviscid flow 237 (2008) 2240
- Titi, E.S., see Bardos, C. 237 (2008) 1905
- Toschi, F., see Biferale, L. 237 (2008) 1969
- Toschi, F., see Volk, R. 237 (2008) 2084
- Turitsyn, K., see Bec, J. 237 (2008) 2037
- Ungarish, M., see Zemach, T. 237 (2008) 2162
- Utzmann, J., see Ali, I. 237 (2008) 2184
- Verhille, G., see Volk, R. 237 (2008) 2084

- Volk, R., Calzavarini, E., Verhille, G., Lohse, D., Mordant, N., Pinton, J.-F. and Toschi, F., Acceleration of heavy and light particles in turbulence: Comparison between experiments and direct numerical simulations 237 (2008) 2084
- Wilczek, M., Kamps, O. and Friedrich, R., Lagrangian investigation of two-dimensional decaying turbulence 237 (2008) 2090
- Xu, H. and Bodenschatz, E., Motion of inertial particles with size larger than Kolmogorov scale in turbulent flows 237 (2008) 2095
- Yagasaki, K., see Sakajo, T. 237 (2008) 2078
- Zemach, T. and Ungarish, M., On axisymmetric intrusive gravity currents: The approach to self-similarity solutions of the shallow-water equations in a stratified ambient 237 (2008) 2162