

Author Index

Bold face indicates contributions to this volume

- Aarts, R.G.K.M., 138, 283
Abernathy, F.H., 36
Abid, M., 24
Adams, C.S., 74
Adrian, R.J., 242, 246
Akhmetiev P., 156
Aleksenko, S.V., 60, 86
Amari, T., 124
Anderson, C.R., 11
Andersson, H.I., 180
Andersson, P., 30, 239
Andreotti, B., 24
Anselmet, F., 66
Anthore, R., 343, 348
Antonsen Jr., T.M., 210
Aref, H., 11, 54, 80, 92
Arnol'd, V.I., 150, 168, 293, 316
Aschwanden, M.J., 114
Azzalini, A., 217
- Bajer, K., 31**, 36, 124
Balachandar, S., 246
Barengi, C.F., 69, 74, 98, 144
Barnes, J., 11
Bartenwerfer, M., 354
Bassom, A.P., 31, 36
Batchelor, G.K., 179, 190
Bauer, G.H., 74
Bayly, B.J., 48, 157, 162, 168, 210
Beale, J.T., 282, 293, 328, 316
Bechert, D.W., 354
Beimfohr, S., 348
Benjamin, R.F., 200
Berger, M.A., 144, 156
Berggren, M., 30, 239
Berkooz, G., 239
Bernard, P.S., 11
Beronov, K.N., 30
- Betchov, R., 30
Bhattacharjee, A., 124, 317, 328
Białynicka-Birula, Z., 99, 102
Białynicki-Birula, I., 99, 102
Biskamp, D., 124
Blackwelder, R.F., 239
Blaizot, J., 124
Bławzdziejewicz, J., 348
Bliss, D.B., 48
Blondin, J.M., 199
Boersma, J., 86
Bonazza, R., 199
Boratav, O.N., 316, 328, 282
Bossis, G., 348
Bostel, F., 343, 348
Brachet, M.E., 282
Brady, J.F., 348
Brandenburg, A., 304
Brenner, H., 360
Brøns, M., 60
Brouillette, M., 199
Bulanov, S.V., 124
Bungey, T.N., 124
Buntine, J.D., 18
Burgers, J.M., 18, 26
- Cabral, H.E., 80
Cadot, O., 24
Caffarelli, L., 282
Caffisch, R., 304
Cambon, C., 210
Cantwell, B.J., 18, 247, 260
Casci, C., 36
Castilla, M.S.A.C., 80
Chan, D.C., 180
Cheng, W.P., 260
Chen, S.Y., 180
Chern, I.-L., 200
Chernyshev, S.A., 48
Chertov, M., 210
Childress, S., 168
Chong, M.S., 18, 260
Chorin, A.J., 11, 90, 293

- Christiansen, J.P., 54
Cichocki, B., 348, **349**
 Colella, P., 199
Constantin, P., 282, **285**, 293, 304, 316, 328
 Corrsin, S., 173
 Cottet, G.-H., 11, 54
 Couder, Y., 24
 Cowley, S.C., 124
 Craig, I.J.D., 124
 Crow, S.C., 316
- Dahler, J.S., 348
 Dahm, W.J.A., 11
 Danalia, I., 66
 Daubechies, I., 216
 Daube, O., 60
 Davis, A.M.J., 354
 Davis, R.H., 348
 Davis, S.H., 354
 Del Álamo, J.C., 239
Delbende, I., 19, 24, 30
 De Waele, A.T.A.M., 138
 Dimotakis, P.E., 179
 Dmitruk, P.A., 114
 Doering, C.R., 24, 304
 Donnelly, R.J., 74
 Donoho, D., 216
 Doolen, G.D., 180
 Douady, S., 24
 Draghicescu, C., 11
 Draghicescu, M., 11
 Driscoll, T.A., 30
 Dusek, J., 66
 Du, Y., 168
- Eckelmann, H., 239
Ekiel-Jezewska, M.L., **343**, 348
 Eloy, C., 48
 Escudier, M., 60
 Evans, N.W., 156
- Faler, J.H., 86
 Falkovich, G., 210
Farge, M., **211**, 216, **217**
 Fefferman, C., 282, 304, 316
 Felderhof, B.U., 348
 Fernholz, H.H., 239
Feuillebois, F., **343**, 348, **349**
 Field, G.B., 144
 Finley, P.J., 239
 Finn, J.M., 168
 Fisher, G.H., 114
 Flanders, H., 150
 Flores, O., 239
 Flugge, S., 293
- Fokas, A.S., 24, 304
 Forbes, T.G., 124, 132, 304
 Freedman, M.H., 74, 144
 Frenkiel, F.N., 180
 Frisch, U., 168, 283, 316, 328
Fukumoto, Y., **37**, 48
- Galloway, D.J., 168
 Galluccio, S., 210
 Galsgaard, K., 114, 124
 Garcia-Villalba, M., 239
 Germaschewski, K., 316
 Gharakhani, A., 54
 Ghoniem, A.F., 54
Gibbon, J.D., 24, **295**, 304
 Gibson, C.H., 179
Gilbert, A.D., **31**, 36, 168, 266
 Girimaji, S.S., 190, 210
 Goldstein, D., 199
 Gomez, D.O., 114
Gomez, Th., **261**, 266
Gomilko, A.M., **355**, 360
Goto, S., **181**, 190
Gourjii, A.A., **87**, 92
 Grauer, R., 304, 316
 Green, A.E., 283
 Green, R.M., 124
 Greene, J.M., 283
 Greengard, L., 11
 Gronig, H., 200
 Guckenheimer, J., 11
 Gudiksen, B., 114
 Gulak, Y., 199, 283, 328
 Gupta, S., 199
 Gurzhi, A.A., 92
 Gyr, A., 283
- Haas, J.-F., 199
 Hamilton, J.M., 239
 Hamraoui, M.El., 54
 Happel, J., 360
 Hardin, J.C., 86
 Hatakeyama, N., 180
Hattori, Y., **37**
 Hawley, J., 199
 He, G.W., 180
 He, Z.-X., 74, 144
 Henningson, D.S., 30, 239
Herczyński, R., **361**
 Heyvaerts, J., 114
Higgins, K., **13**
 Hills, C.P., 360
 Hinsin, K., 348
 Hitchcock, D., 199
 Hites, M.H., 239
 Hocking, L.M., 354

- Holmes, P., 11, 239
Hornig, G., 124, **133**, 138, **151**, 156
Hosokawa, I., 190
Huang, M.J., 190
Hunt, J.C.R., 190
Hunt, R.E., **125**
Hussain, A.K.M.F., 86, 138, 239, 246, 283
Hut, P., 11
Hwa, T., 340
- Imshennick, V.S., 124
Itano, T., 239
Itzykson, C., 156
- Jeffrey, D.J., 348
Jeong, J.-T., 239, 241, 246, 354
Jiménez, J., 24, 216, **229**, 239, 241, 246
Johansson, A.V., 239
John, F., 293
Jones, V.F.R., 144
- Kambe, T., 180
Kardar, M., 340
Kato, T., 282, 293, 316, 328
Katrahov, V.V., 340
Kawahara, G., 36, 190
Kendall, T.M., 246
Kerns, E.T., 348
Kerr, R.M., 282, 304, 316
Kettle, S.F.A., 282
Kevlahan, N., 216
Khesin, B.A., 150
Kida, S., 11, 18, 36, 138, 171, **181**, 190, 210, 281, 283, 328
Kim, H.T., 239
Kim, J., 239, 246
Kinzelbach, W., 283
Kiprijanov, I.A., 340
Kivotides, D., 74
Klapper, I., 124, 304
Klimchuk, J.A., 114
Kline, S.J., 239
Knio, O.M., 54
Knüppel, O., 80
Kohn, R., 282
Kolmogorov, A.N., 171, 179, 260, 266, 316
Kolokolov, I., 210
Konovalyuk, T.P., 92
Konstantinov, M.Yu., 92
Kop'ev, V.F., 48
Koplik, J., 74
Korkina, E.I., 168
Kotelnikov, A., 199
Koumoutsakos, P.D., 11
Kouzoubov, A., 354
Krasny, R., **3**, 11
- Kristoffersen, R., 180
Kudela, H., **49**, 54
Kuibin, P.A., 60, **81**, 86
Kuznetsov, E.A., **305**, 316, 334
- Ladd, A.J.C., 348
Lamb, H., 199, 360
Landahl, M.T., 239
Larchevêque, M., **261**, 266
Lau, Y.-T., 168
Leadbeater, M., 74
Lecoq, N., **343**, 348
Le Dizès, S., **19**, 24, **25**, 30, 48
Lee, L.C., 124
Lee, M.J., 239
Leibovich, S., 60, 86
Leighton, D.T., 348
Leonard, A., 11, 54, 180, **201**, 210
Leray, J., 283
Lesieur, M., 180
Lessen, M., 24
Levine, H., 74
Lim, T.I., 54
Lim, T.T., 11
Lindsay, K., **3**, 11
Linker, J., 124
Lipniacki, T., **93**, 98
Ljapin, V.M., 340
Loc, T.P., 60
Longcope, D.W., 114, 124
Luchini, P., 354
Luciani, J.F., 124
Ludwig, H.-G., 114
Lumley, J.L., 180, 239
Lundgren, T.S., 24, 179, 180, 190, 210, 266
Lu, S.S., 246
L'vov, V.S., 316
- MacKay, R.S., 48
Madelung, O., 102
Mahalov, A., 48, **217**
Majda, A.J., 282, 293, 304, 316, 328
Makihara, T., **181**
Malham, S.J.A., 304
Malherbe, J.M., 124
Malyuga, V.S., **355**
Mansour, N.N., 260, 239
Manzo, F., 354
Marble, F.E., 36
Marliani, C., 304, 316
Martin, S.F., 124
Masmoudi, K., 348
Massey, W.S., 156
Maurer, J., 74
Ma, W.W., **61**, 66
Mayer, C., **151**, 156

- Mayer, E.W., 24
 McClymont, A.N., 124
 Medina, E., 340
 Meiburg, E., 54
 Meinhart, C.D., 246
 Meiron, D.I., 282, 328
 Melander, M., 283
 Meleshko, V.V., 92
 Mellor, C., 124
 Meneguzzi, M., 24, 282, 283
 Métais, O., 180
 Metcalf, T.R., 114
 Metzler, S.P., 239
 Mikić, Z., 114, 124
 Milano, L. J., 114
 Mirman, R., 283
 Miskis, M.J., 354
 Misra, A., 180
 Miura, H., 190
Młoduchowski, T., 99
 Moauro, V., 80
Moffatt, H.K., 18, 48, 74, 124, 125, 138, 144, 150, 156, 168, 283, 293, 360, 363
 Mo, G., 348
 Moin, P., 190, 239
 Mokhtarzadeh-Dehghan, M. R., 246
 Mollo-Christensen, E., 239
 Monastyrsky, M.I., 156
 Monin, A.S., 316
 Moore, D.W., 11, 36, 48, 86, 190
 Morf, R.H., 328, 282, 283
 Morikawa, G.K., 80
 Moser, R., 216
 Moser, R.D., 239
 Munn, R.E., 180
Muravnik, A.B., 335, 340
- Nagib, H.M., 239
 Nakagawa, H., 246
Nakaki, T., 75, 80
 Negrini, N., 80
 Neukirch, T., 124
 Nezu, I., 246
Ng, C.S., 317, 328
 Niccum, D.L., 66
 Nickel, B.G., 328, 282
 Nickels, T.B., 11, 54
Nicolaenko, B., 217
 Nirenberg, L., 282
Nitsche, M., 3, 11
Nordlund, Å., 107, 114, 124
 Nore, C., 24
- Obukov, A.M., 173
Ohkitani, K., 18, 293, 295, 304
Okulov, V.L., 55, 60, 86
- Olia, W.M., 80
 Olshanetsky, M.A., 124
 O'Neil, K.A., 80
 Onishi, Y., 348
Ooi, A., 13
 Orlandi, P., 24, 239
 Orszag, S.A., 282, 283, 328
 Osterlund, J.M., 239
 Ott, E., 168
 Ottino, J.M., 11, 92
 Ould Salihi, M.L., 54
 Overholt, M.R., 180
 Overman II, E.A., 199
- Paillet, P., 24
 Parisi, G., 340
 Parker, E.N., 114, 124, 132
 Parnell, C.E., 124
 Pearson, C.F., 36
Pellegrino, G., 216, 217
Pelz, R.B., 269, 282, 316, 328
 Peng, G., 199
 Perry, A.E., 18, 260
Peradzyński, Z., 145, 150
 Petschek, H.E., 124, 132
 Pevtsov, A. A., 114
 Pinelli, A., 240, 241, 246
Podolsky, D.I., 329, 334
Podvigina, O.M., 305
Poggi, D., 241, 246
 Pohožaev, S. I., 340
Politano, H., 261, 266, 282
 Ponce, G., 283
 Pope, S.B., 180, 190, 210
 Porporato, A., 246
 Porter, D.H., 180, 190, 266
 Porter, L.J., 114
Pouquet, A., 180, 190, 261, 266, 283
 Powell, K.G., 24
 Pozzi, A., 354
 Prestridge, K., 200
Priest, E.R., 114, 115, 124, 132, 304
 Prochazka, A., 18
 Proctor, M.R.E., 168
Pullin, D.I., 18, 171, 180
 Pumir, A., 283
- Rado, A., 124
Rasmussen, J.J., 329, 334
 Ray, J., 199
 Reddy, S.C., 30
Regucki, P., 49
 Retakh, V.S., 156
 Reyl, C., 210
 Reynolds, W.C., 239
 Rhines, P.B., 36

- Ricca, R.L.**, 69, 74, 86, 98, **139**, 144, 283
 Richardson, S., 354
 Rickard, G.J., 124
 Ridolfi, L., 246
 Rieutord, M., 114
 Rightley, P.M., 200
 Robinson, A.C., 18
 Robinson, S.K., 240, 241, 246
 Rogers, M., 216
 Rokhlin, V., 11
 Rom-Kedar, V., 11
 Rosenhead, L., 11
Rossi, M., 19, 24, 30
Ruban, V.P., 316, **329**, 334
 Ruzmaikin, A., 156
- Saffman, P.G., 18, 48, 54, 60, 86, 180
 Sakai, J., 124
 Samtaney, R., 199
Samuels, D.C., 69, 74, 98, 144
 Sangani, A.S., 348
 Sbeih, K., 11
 Schatzle, P.R., 11
 Schindler, K., 124
 Schmidt, D.S., 80
 Schmitz, R., 348
 Schnack, D.D., 114
Schneider, K., 211, 216, **217**
 Schoppa, W., 239, 246
 Schrijver, C.J., 114, 124
 Schwarz, K.W., 74, 98
 Schwarz, W.H., 180
 Scott, J.F., 210
 Serrin, J., 293
 Shankar, P.N., 360
 Shariff, K., 11, 54
 Shtork, S.I., 60, 86
 Siggia, E.D., 190, 283
 Simens, M.P., 234, 239
 Singh, P.J., 24
 Skrbek, L., 74
 Skubachevskii, A.L., 340
Śliwa, C., 99, 102
 Smart, J.R., 348
 Smith, C.R., 240, 241, 246
 Smith, J., 124
 Somov, B.V., 124
 Sondergaard, R., 260
Sørensen, J.N., 55, 60
 Soria, J., 260
 Sotiropoulos, F., 60
 Soward, A.M., 36, 293
 Stalp, S.R., 74
 Steele, G., 304
 Stein, R.F., 114
 Strykowski, P.J., 66
 Sturrock, P.A., 114
- Sturtevant, B., 199
 Sudan, R.N., 114
 Sulem, P.-L., 282, 283
 Swearingen, J.D., 239
 Sweet, P.A., 124, 132
 Swenson, E.V., 80
 Syrovatsky, S.I., 124
 Szewczyk, A., 30
Szymczak, P., 349
- Tabeling, P., 74
 Tabor, M., 124
 Takaki, R., 86
 Takaoka, M., 11, 138
 Tanaka, M., 36, 190
 Taylor, G.I., 283, 354, 358
 Tel, T., 168
 Tenekes, H., 180
 Titov, V.S., 124
 Toh, S., 239
 Tomkins, C.D., 246
 Townsend, A.A., 239, 266
 Trefethen, A.E., 30
 Trefethen, L.N., 30
 Truesdell, C., 293
 Tryggvason, G., 11
 Tsai, C.-Y., 48
Tse, F., 217
 Tsinober, A., 283
 Tuck, E.O., 354
 Tur, T.J., 124
- Uchida, Y., 114
- Vainshtein, S.I., 168
 Van Ballegooijen, A.A., 114
 Vanderbilt, D., 283
 Van Heijst, G.J.F., 92
 Van Hoven, G., 114
 Ventikos, Y., 60
 Vergassola, M., 210
 Verzicco, R., 24
 Vincent, A., 24, 282
 Voelkl, T., 179, 180
Voigt, L.K., 55, 60
 Von Karman, T., 192
 Vorobieff, P., 200
 Vulpiani, A., 210
- Waele, A.T.A.M., 283
 Wajnryb, E., 348
 Waleffe, F., 48, 239
 Walker, J.D.A., 246
 Wang, C.Y., 354
 Wang, X., 328

- Wei, T., 180
Wherrett, B.S., 283
Widnall, S.E., 48
Wiggins, S., 11
Wilcoxon, R.K., 66
Williamson, C.H.K., 66
Willmarth, W.W., 180, 246
Wilson, H.J., 348
Winckelmans, G.S., 54, 199
Winiecki, T., 74
Wood, D.H., 86
Woodward, P., 266
Woodward, P.R., 199, 180, 190
Wray, A.A., 190
Wray A.A., 216
- Xie, X.L., 61, 66**
- Yaglom, A.M., 316
- Yamamoto, K., 190
Yanase, S., 36, 190
Yang, X., 200
Young, W.R., 36
Yuan, Y.M., 242, 246
- Zabusky, N.J., 191, 199, 200**
Zakharov, V.E., 316
Zawadzki, I., 54
Zeldovich, Ya.B., 168
Zeng, S., 348
Zeng, S.-M., 200
Zhang, S., 191, 200
Zhang, Y.-C., 340
Zheligovsky, V.A., 305
Zhou, H.L., 61, 66
Zhou, J., 241, 242, 246
Zoldi, C.A., 200
Zuber, J.-B., 156