

IUTAM Symposia & Summer School Held in the United States							
Year	Location	Title	Chairs	Dates	Publisher	ISBN/Ref.	IUTAM Ref.
1950	Hershey, PA	Plastic Flow & Deformation within the Earth		Sep. 12-14	T. Am. Geo. Union	v32,#4,497,1951	50-2
1957	Cambridge, MA	Cosmical Gas Dynamics		June 24-29	AIP		57-1
1959	Ithaca, NY	Fluid Mechanics in the Ionosphere	R. Bolgiano, Jr.	July 9-15	J. Geophy Res.	V64 (dec.1959) 2037	59-1
1960	Washington, DC	Magnetohydrodynamics		Jan. 17-23	RMP, AIP		60-1
1963	Providence, RI	Stress Waves in Anelastic Solids	H. Kolsky & W. Prager	Apr. 3-5	Springer-Verlag	1964	63-1
1964	Ann Arbor, MI	Concentrated Vortex Motions in Fluids	D. Kuchemann	July 6-11	J. Fluid Mechanics	21:1:1-20, 1965	64-2
1968	Monterey, CA	High-speed Computing in Fluid Dynamics	F. N. Frenkiel; K. Stewartson	Aug. 18-24	Phy Fluids	Supplement II, V129, #12, Part II, 1969	68-2
1969	Cambridge, MA	Electrohydrodynamics	J. R. Melcher	Mar. 31-Apr 2	J. Fluid Mechanics	Supp. II, V129, #12, Part II (1969)	69-2
1973	Charlottesville, VA	Turbulent Diffusion in Environmental Pollution	F.N.Frenkiel; R.E.Munn	Apr. 8-14	Ad Geophysics	V18A & 18B, Acad. Press (1974)	73-1
1974	Cambridge, MA	Buckling of Structures	B. Budiansky	June 17-21	Springer-Verlag	1976	74-1
1976	Washington, DC	Structure of Turbulence & Drag Reduction	F. N. Frenkiel, M. T. Landahl & J. L. Lumley	June 7-12	AIP	Phy.Fluids Part II, V20, #10, 1977	76-1
1977	Evanston, IL	Modern Problems in Elastic Wave Propagation	J. Miklowitz & J. D. Achenbach	Sep. 11-15	Wiley	1978	77-3
1978	Evanston, IL	Variational Methods in the Mechanics of Solids	S. Nemat-Nasser	Sept. 11-13	Pergamon	1980	78-5
1980	Bethlehem, PA	Finite Elasticity	D. E. Carlson & R. T. Shield	Aug. 11-15	Martinus Nijhoff	9024726298	80-3
1981	Pasadena, CA	Mechanics & Physics of Bubbles in Liquids	L. van Wijngaarden	June 15-19	Martinus Nijhoff	90-247-2625-5	81-3
1982	Blacksburg, VA	Mechanics of Composite Materials	Z. Hashin & C. T. Herakovich	Aug. 16-19	Pergamon	1983	82-6

1983	Evanston, IL	Mechanics of Geomaterial: Rocks, Concretes, Soils	Z. P. Bazant	Sep.11-15	Wiley	1985	83-7
1987	San Antonio, TX	Adv Boundary Element Methods: Solids & Fluids	T. A. Cruse	Apr.13-16	Springer-V	3-540-17454-0	87-2
1988	Pasadena, CA	Recent Advances in nonlinear Fracture Mechanics	W. G. Knauss & A. J. Rosakis	Mar.14-16	IJF (V42,#1-4),1990	07923-0658-9	88-2
1989	Boulder, CO	Elastic Wave Propagation & Ultrasonic Evaluation	S. K. Datta, J. D. Achenbach, Y. S. Rajapakse	Jul30-Aug.3	North-Holland	0-444-87485-2	89-3
1990	Troy, NY	Inelastic Deformation of Composite Materials	G. J. Dvorak	May 29-June 1	Springer-Verlag	0-387-97458-X	90-3
1990	La Jolla, CA	Fluid Mechanics of Stirring & Mixing	H. Aref & J. M. Ottino	Aug. 20-24	Phy. Fluids A, V3 (1991), 1009-1469	ISSN 0899-8213	90-6
1991	Stanford, CA	Mechanics of Fluidized Beds	G. M. Homsy, R. Jackson & J. R. Grace	July 1-4	J. Fluid Mechanics	V236, 477-495	91-4
1991	Blacksburg, VA	Local Mechanics Concepts for Composite Material Systems	J. N. Reddy & K. L. Reifsnider	Oct. 27-31	Springer-Verlag	3-540-55547-1	91-10
1993	San Antonio, TX	Probabilistic Structural Mechanics: Adv. Structural Reliability Methods	P. D. Spanos & Y. -T. Wu	June 7-10	Springer-Verlag	3-540-57709-2	93-1
1993	Providence, RI	Computational Mechanics & Materials	M. Ortiz & C. F. Shih	June 15-18	J. Model Simulation in Maths Sci & Engr	V2,#3A, 421 (1994)ISSN 0965-0393	93-2
1993	Potsdam, NY	Nonlinear Instability of Nonparallel Flows	S. P. Lin, W. R. C. Phillips D. T. Valentine	Sep. 12-14	Springer-Verlag	3-540-57679-7	93-4
1997	Ithaca, NY	New Applications of Nonlinear & Chaotic Dynamics in Mechanics	F. C. Moon	Sep. 12-14	Kluwer	0-7923-5276-9	97-10
1997	Boulder, CO	Computational Methods for Unbounded Domains	T. L. Geers	Sep. 12-14	Kluwer	0-7923-5266-1	97-11
1998	Boulder, CO	Developments in Geophysical Turbulence	R. M. Kerr & Y. Kimura	Sep. 12-14	Kluwer	0-7923-6673-5	98-3
1998	Stanford, CA	Viscoelastic Fluid Mechanics	G. M. Homsy & E. S. G. Shaqfeh	Sep. 12-14	J. Non-Newtonian Fluid Mechanics	V82 (1999), 127-457	98-4
1999	Cape May, NJ	Segregation in Granular Flows	A. D. Rosata & D. L. Blackmore	Sep. 12-14	Kluwer	0-7923-6547-X	99-5

1999	Notre Dame, IN	Nonlinear Wave Behavior in MultiPhase Flow	H. C. Chang	Sep. 12-14	Kluwer	0-7923-6454-6	99-6
1999	Sedona, AZ	Laminar-turbulent Transition	H. Fasel & W. S. Saric	Sep. 12-14	Springer-Verlag	3-540-67947-2	99-8
2000	Fairbanks, AK	Scaling Laws in Ice Mechanics & Ice Dynamics	J. P. Dempsey & H. H. Shen	Sep. 12-14	Kluwer	1-4020-0171-1	00-2a
2001	Austin, TX	Material Instabilities & the Effect of Microstructure	S. Kyriakides & N. Triantafyllidis	Sep. 12-14	Elsevier	IJSS #39, 2002	01-2
2002	Austin, TX	Micromechanics of Fluid Suspensions and Composites	R. T. Bonnecaze, Z. Hashin, G. J. Rodin	Sep. 12-14	Kluwer	PhilTrans: Math, Physical & Engr. Sci. May 2003	02-1
2002	Urbana-Champaign, IL	Nonlinear Stochastic Dynamics	N. Sri Namachchivaya & Y. K. Lin	Sep. 12-14	Kluwer	1-4020-1471-6	02-6
2002	Princeton, NJ	Reynolds Number Scaling in Turbulent Flow	A. J. Smits	Sep. 12-14	Kluwer	1-4020-1775-8	02-8
2003	Rutgers, NJ	Integrated Modeling of Fully Coupled Fluid-Structure Interactions	H. Benaroya	Sep. 12-14	Kluwer	1-4020-1806-1	03-2
2004	Argonne, IL	Recent Advances in Disperse Multiphase Flow Simulation	S. Balachandar & A. Prosperetti	Sep. 12-14	Springer	1-4020-4976-7	04-7
2008	Cape Cod, MA	Cellular, Molecular & Tissue Mechanics	K. Garikipati & E. Arruda	Sep. 12-14	Springer	10-9048133475	08-3
2009	Austin, TX	Dynamic Fracture & Fragmentation	K. Ravi-Chandar	March 8-13			09-1
2011	Shalimar, FL	Linking Scales in Computations: From Microstructure to Macro-scale Properties	O. Cazacu	Sep. 12-14			08-09
2011	Stanford, CA	Computer Models In Biomechanics: From Nano to Macro	E. Kuhl	TBD			08-06
2011	Austin, TX	Mechanics of Liquid and Solid Foams	S. Kyriakides & A. M. Kraynik	TBD			08-05
Summer School Held in the United States							
2010	Evanston, IL	SS - Simulation Based Engineering & Science for Nano Mechanics, Materials and Micro/Nano Manufacturing	W. K. Liu	TBD			

IUTAM Symposia Held outside the U.S. with a Co-Chair from the U.S.

1980	Dourdan, France	Three-Dimensional Constitutive Relations & Ductile Fracture	S. Nemat-Nasser	June 2-5	North-Holland	10-0444861084	80-2
1991	Beijing, China	Constitutive Relations for Finite Deformations of Polycrystalline Metals	R. Wang & D. C. Drucker	July 22-25	Springer-Verlag	3-540-55128-X	91-6
1996	Marseille, France	Variable Density Low Speed Turbulent Flows	L. Fulachier, J. L. Lumley & F. Anselmet	July 7-10	Kluwer	0-7923-4602-5	96-3
1997	Cairo, Egypt	Transformation Problems in Composite and Active materials	Y. A. Bahei-El-Din & G. J. Dvorak	March 9-12	Kluwer	0-7923-5122-3	97-2
1999	Cracow, Poland	Advanced Mathematical & Computational Mechanics Aspects of the Boundary element Method	T. Burczynski & T. A. Cruse	May 30-June 3	Kluwer	0-7923-7081-3	99-4
2006	Guanajuato, Mexico	Interactions for Dispersed Systems in Newtonian & Viscoelastic Fluids	G. M. Homsy & J. R. Zenit	March 26-31	J. Physics Fluids	V18, 121501-1, 2006	06-2
2006	Lyon, France	Discretization Methods for Evolving Discontinuities	A. Combescure, T. Belytschko & R. de Borst	Sept. 4-7	Springer-Verlag	978-1-4020-6529-3	06-5
2007	Istanbul, Turkey	Recent Advances in Multiphase Flows: Numerical & Experimental	A. Acrivos & C. F. Delale	June 11-14	J. Physics Fluids		07-2
2008	Lyngby, Denmark	150 Years of Vortex Dynamics	H. Aref	Oct. 12-17			08-5
2001	Paris, France	Full-field Measurements and Identification in Solid Mechanics	F. Hild & H. Espinosa	Summer			

