Appendix

Center for Turbulence Research
ROSTER
December 1990-December 1991

NAME/TERM		AREA OF RESEARCH
POSTDOCTORAL FELLOWS		
BELCHER, Dr. Stephen E. 10/90-present	(Ph.D. Fluid Mechanics, 1990, DAMTP-Cambridge)	Turbulence modeling.
CHASNOV, Dr. Jeffrey 9/91/present	(Ph.D. Physics, 1991, Columbia University)	Turbulence theory and simulation.
DRESSELHAUS, Dr. Eliot 9/91-present	(Ph.D. Applied Mathematics, 1991, Columbia University)	Turbulence theory and simulation.
GAO, Dr. Feng 9/90-present	(Ph.D. Mechanical Engineering, 1990, SUNY at Stony Brook)	PDF approach and related closures for turbulent scalar fields.
HAMILTON, Dr. James M. 6/91-present	(Ph.D. Engineering Science, 1991, Harvard University)	Structure of turbulent boundary layers.
JACOB, Dr. Marc C. 6/91-present	(Ph.D. Acoustics, 1991, Ecole Centrale de Lyon)	Aerodynamic noise.
KO, Dr. Sung Ho 7/91-present	(Ph.D. Mechanical Engineering, 1991, Texas A&M University)	Near-wall turbulence modeling.
LEBOEUF, Dr. Richard L. 9/91-present	(Ph.D. Mechanical Engineering, 1991, SUNY at Buffalo)	Experimental study of turbulent mixing layer.

SADDOUGHI, Dr. Seyed G. 6/91-present	(Ph.D. Mechanical Engineering, 1989, The University of Melbourne)	Experimental investigation of local isotropy in high-Reynolds-number turbulence.
SAMUELS, Dr. David C. 10/90-present	(Ph.D. Physics, 1990, University of Oregon	Vorticity in superfluid helium.
SHEN, Dr. Hubert H. 1/90-12/91	(Ph.D. Physics, 1988, University of Illinois)	Turbulence theory.
SMITH, Dr. Leslie M. 9/88-4/91	(Ph.D. Applied Mathematics, 1988, MIT)	Renormalization group methods.
SQUIRES, Dr. Kyle D. 7/90-8/91	(Ph.D. Mechanical Engineering, 1990, Stanford)	Large eddy simulation of compressible turbulence.
TROUVE, Dr. Arnaud 4/90-present	(Ph.D. Mechanical Engineering, 1989, Ecole Centrale de Paris)	Turbulent combustion.
VALIÑO, Dr. Luis 12/90-present	(Ph.D. Physics, 1989, University of Zaragoza, Spain)	Monte-Carlo implementation of mapping closures.
VAN DER VEGT, Dr. J. J. W. 9/88-8/91	(Ph.D. Mathematics, 1988, Delft Univ. of Technology, The Netherlands)	Numerical methods and hypersonic boundary layers.
VEERAVALLI, Dr. Srinivas 9/89-9/91	(Ph.D. Mechanical Engineering, 1989, Cornell University)	Experimental investigation of local isotropy in high-Reynolds -number turbulence.
WALEFFE, Dr. Fabian A. 9/89-present	(Ph.D. Applied Mathematics, 1989, MIT)	Hydrodynamic stability and turbulence theory.
ZHOU, Dr. Ye 10/90-present	(Ph.D Physics, 1987, College of William & Mary)	Statistical turbulence theory.

SENIOR VISITING FELLOWS

CAMBON, Dr. Claude 4/91-7/91	Ecole Centrale de Lyon, France	Turbulence closures.
GOTOH, Prof. Toshiyuki 4/91-7/91	Systems Engineering, Nagoya Institute of Technology, Japan	Turbulence theory.
KRAICHNAN, Dr. Robert H. 4/91-12/91	303 Potrillo Dr. Los Alamos, NM	Turbulence theory.
ORLANDI, Prof. Paolo	University of Rome	Effects of polymers on the near wall turbulence.
NOVIKOV, Prof. Evgeny	INLS, University of California at San Diego	Statistical theory of turbulence.
POINSOT, Dr. Thierry 7/91-8/91	CNRS, Lab EM2C, Ecole Centrale de Lyon, France	Turbulent combustion.
PRASKOVSKY, Dr. Alexander 6/91-9/91	Central Aero-Hydrodynamic Institute-Moscow	Local isotropy in high Reynolds number turbulence.
STARNER, Dr. Sten 7/91-8/91	Mechanical Engineering, Univ. of Sydney, Australia	Turbulent combustion.
TEMAM, Prof. Roger	University of Paris - SUD and University of Indiana	Turbulence control theory.
YAVUZKURT, Prof. Savash 9/90-5/91	Pennsylvania State University	Heat transfer.

RESEARCH ASSOCIATES

CABOT, Dr. William H. 3/88-present	(Ph.D. Physics, 1983, University of Rochester)	Large eddy simulation and convection.
LUND, Dr. Thomas S. 11/90-present	(Ph.D. Aero-Astro, 1987, Stanford)	Large eddy simulation of complex flows.

SENIOR RESEARCH FELLOWS

DURBIN, Dr. Paul 1/90-present	(Ph.D. Aerospace and Mechanical Engineering, University of Arizona)	Turbulence theory and modeling.
JIMENEZ, Prof. Javier 7/91-present	Also: School of Aeronautics, University of Madrid	Turbulence physics.
ZEMAN, Dr. Otto 3/1/89-present	(Ph.D. Aerospace Engineering, 1975, Pennsylvania State Univ.)	Turbulence modeling in compressible flows.

GRADUATE STUDENTS

AZAIEZ, Jalel 10/91-present	Viscoelastic mixing layer.
BEAUDAN, Patrick 10/87-9/91	LES of turbulent flow over a cylinder.
BEWLEY, Thomas R. 7/91-9/91	Active turbulence control.
GUILYARDI, Eric 1/91-9/91	Linear stability analysis of hypersonic boundary layers.
KARASSO, Paris 7/89-present	Experimental study of curved turbulent mixing layers.
KASSINOS, Stavros 10/88-present	Structure based turbulence modeling.
LE, Hung 4/88-9/91	Simulation of turbulent flow over a backward-facing step.
SHIN, Dongshin 10/90-9/91	Supersonic reacting mixing layer.

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