

APPENDIX

CENTER FOR TURBULENCE RESEARCH 1988 ROSTER

<u>NAME/TERM</u>		<u>AREA OF RESEARCH</u>
POSTDOCTORAL FELLOWS		
CABOT, Dr. William H. 3/88 - present	Ph.D. Physics, 1983, University of Rochester	Turbulence in the early solar nebula, convection
KARNIADAKIS, Dr. George 9/87 - 2/88	Ph.D. Mechanical Engineering, Massachusetts Institute of Technology	Simulation and analysis of basic complex geometry turbulent flows
LEE, Dr. Moon J. 12/87 - present	Ph.D. Mechanical Engineering, 1985, Stanford	Turbulence physics and modeling
LELE, Sanjiva 1/88 - present	Ph.D. Mechanical Engineering, 1985, Cornell University	Direct numerical simulation of compressible free shear flows
POINSOT, Dr. Thierry 9/88 - present	Docteur es Sciences, Mechanical Engr., 1987, Univ. d'Orsay, France	Direct simulation of turbulent reacting flows
SHIH, Dr. Tsan Hsing 4/87 - present	Ph.D. Mechanical Engineering, 1984, Cornell University	Turbulence modeling
SMITH, Dr. Leslie M. 9/88 - present	Ph.D. Applied Mathematics, 1988, Massachusetts Institute of Technology	Renormalization group theory of turbulence
STANAWAY, Dr. Sharon K. 6/88 - 12/88	Ph.D. Aeronautics and Astronautics, 1988, Stanford	Numerical simulation of viscous vortex rings
THOMPSON, Dr. Kevin W. 6/87 - present	Ph.D. Physics, 1985, Princeton	Direct numerical simulation of compressible turbulent flows with application to the early evolution of solar nebula
VASTANO, Dr. John A. 9/88 - present	Ph.D. Physics, 1988, University of Texas at Austin	Low dimensional chaos in turbulence

NAME/TERM**AREA OF RESEARCH**

VEGT, Dr. Jaap van der 9/88 - present	Ph.D. Mathematics, 1988, Delft Univ. of Technology, The Netherlands	Transition to turbulence at hypersonic speeds
WATMUFF, Dr. Jonathan H. 11/87 - present	Ph.D. Mechanical Engineering, 1979, University of Melbourne, Australia	Experimental investigation of turbulent boundary layers with adverse pressure gradient

SENIOR POSTDOCTORAL FELLOWS

BROADWELL, Dr. James E. 8/88 - present	California Institute of Technology	Turbulent reacting flows
BROWNE, Dr. L. W. B. 2/88 - 8/88	University of Newcastle - Australia	Experimental investigation of flow over backward facing step
ETEMADI, Prof. Nassrollah 8/87 - 5/88	University of Illinois	Lagrangian statistics
GERMANO, Prof. Massimo 11/88	University of Torino - Italy	Subgrid scale modeling and filtering
LESIEUR, Prof. Marcel 4/88 - 5/88	University of Grenoble, France	Two-point closures
LILLY, Prof. Douglas K. 8/88 - 12/88	CIMMS - University of Oklahoma	Subgrid scale modeling
MELANDER, Dr. Mogens 5/88 - 7/88	Univ. of Pittsburgh	3D vortex dynamics at high Reynolds numbers
ROSHKO, Prof. Anatol 4/88	California Institute of Technology	Turbulent free shear flows

APPENDIX

NAME/TERM

AREA OF RESEARCH

GRADUATE STUDENTS

BEAUDAN, Patrick
10/87 - present

Numerical methods

COLONIUS, Timothy
7/88 - 9/88

Aerodynamic noise

KASSINOS, Stavros
10/88 - present

Reynolds averaged
turbulence modeling

LE, Hung
4/88 - present

Direct numerical
simulation of flow over a
backward facing step

LEE, Sangsan
4/88 - 12/88

Shock/turbulence
interaction

NEVES, Joao
10/87 - 4/88

Numerical simulation of
axial flow over a cylinder

PLESNIAK, Michael
1/88 - 6/88

Effects of curvature on the
structure of mixing layers

POLIFKE, Wolfgang
City Univ. of NY
10/88 - 12/88

Topological complexity of
the vorticity field in
homogeneous turbulence

SAGES, Michael
7/88 - 9/88

Mixing in curved shear
layers

SORAKAYALPET,
Sundaresan
10/87 - 4/88

Space-time characteristics
of wall -pressure
fluctuations

SQUIRES, Kyle
10/87 - 9/88

Effects of particle loading
on turbulent structure and
modeling