ROSTER

NAME/TERM		AREA OF RESEARCH
POSTDOCTORAL FELLOWS		
AKKERMAN, Dr. Vyacheslav 6/07-10/08	(Ph.D. Physics 2007, Umea University, Sweden)	Turbulent combustion
BALARAC, Dr. Guillame 1/07-5/08	(Ph.D. Mechanics and Energetics 2006, Institut National Polytechinique de Grenoble, France)	Turbulent combustion
BIRBAUD, Dr. Ann-Laure 1/07-present	(Ph.D. Energetics 2006, Centre National de La Recherche Scientifique, France)	Combustion noise
BISETTI, Dr. Fabrizio 12/07-present	(Ph.D. Mechanical Engineering 2007, University of California at Berkeley, USA)	Turbulent combustion
BLANQUART, Dr. Guillaume 5/08-present	(Ph.D. Mechanical Engineering 2008, Stanford University, USA)	Turbulent combustion
EL-ASRAG, Dr. Hossam 1/07-12/08	(Ph.D. Aerospace Engineering 2007, Georgia Institute of Technology, USA)	Turbulent combustion
GIAUQUE, Dr. Alexis 5/07-present	(Ph.D. Mechanical Engineering 2007, Institut National Polytechnique de Toulouse, France)	Acoustic instabilities of combustion
HARTLEP, Dr. Thomas 8/04-present	(Ph.D. Physics 2004, University of Gottingen, Germany)	Solar convection
JACOUTOT, Dr. Laetitia 1/07-5/08	(Ph.D. Mechanics and Energetics 2006, Institut National Polytechinique de Grenoble, France)	Solar convection

JOHNSEN, Dr. Eric 12/08-present	(Ph.D. Mechanical Engineering 2007, California Institute of Technology, USA)	Shock turbulence interaction
KANG, Dr. Seongwon 7/08-present	(Ph.D. Mechanical Engineering 2008, Stanford University, USA)	Numerical method
KAWAI, Dr. Soshi 1/07-present	(Ph.D. Aeronautics & Astronautics Engineering 2005, University of Tokyo, Japan)	Supersonic mixing and combustion
KITIASHVILI, Dr. Irina 1/08-present	(Ph.D. Astronomy 2005, Engel'gardt Astronomical Observatory of Kazan University, Russia)	Solar convection
KUN, Dr. Lou 9/07-present	(Ph.D. Mechanical and Energy Engineering 2005, Zhejiang University, The People's Republic of China)	Particle dispersion and particle-fluid interactions
LAMORGESE, Dr. Andrea 9/06-11/08	(Ph.D. Mechanical Engineering 2006, Cornell University)	Diffuse interface modeling of multiphase flows
LEDERLIN, Dr. Thomas 9/07-10/08	(Ph.D. Fluid Dynamics 2006, Institut de Mecanique des Fluides de Toulouse, France)	Turbulent combustion
MAGIN, Dr. Thierry 10/06-present	(Ph.D. Applied Sciences 2004, Univerite Libre de Bruxelles, Belgium)	Hypersonic flows
MARXEN, Dr. Olaf 7/06-present	(Ph.D. Aerospace Engineering 1999, University of Stuttgart, Germany)	Hydrodynamic stability
MATSUURA, Dr. Kazuo 1/08-12/08	(Ph.D. Mechanical Engineering 2005, University of Tokyo, Japan)	Transition in compressible boundary layer
PECNIK, Dr. Rene 7/07-present	(Ph.D. Mechanical Engineering 2002, Graz University of Technology, Austria)	RANS turbulence modeling and simulation

RAESSI, Dr. Mehdi 4/08-present	(Ph.D. Mechanical Engineering 2007, University of Toronto, Canada)	Multiphase flow
STINIS, Dr. Panagiotis 9/07-7/08	(Ph.D. Applied Mathematics 2003, Columbia University, USA)	Applied mathematics
WANG, Dr. Wei 5/08-present	(Ph.D. Applied Mathematics 2008, Brown University, USA)	Numerical method

RESEARCH ASSOCIATES

DOOSTAN, Dr. Alireza 1/07-present	(Ph.D. Structural Engineering 2006, The Johns Hopkins University)	Uncertainty quantification
HAHN, Dr. Seonghyeon 10/04-present	(Ph.D. Mechanical Engineering 2002, Seoul National University, Korea)	Integrated simulations for rotorcraft applications
HAM, Dr. Frank 6/02-present	(Ph.D. Mechanical Engineering 2001, University of Waterloo, Canada)	Unstructured grid LES and simulation of multiphase flows
LARSSON, Dr. Nils Johan 9/06-present	(Ph.D. Mechanical Engineering 2006, University of Waterloo, Canada)	Shock turbulence interaction
PAI, Dr. Madhu 9/07-present	(Ph.D. Mechanical Engineering 2007, Iowa State University, USA)	Multiphase flows
YOU, Dr. Donghyun 6/04-present	(Ph.D. Mechanical Engineering 2004, Stanford University, USA)	Multi-physics flows and flow control

SR. VISITING FELLOWS

ETEMADI, Prof. Nasrollah 8/06-present	University of Illinois, USA	Mathematics and statistics
TERAMOTO, Prof. Susumu 1/08-8/08	University of Tokyo, Japan	Gas-turbine engines

SHU, Prof. Chi-Wang 4/08-present	Brown University, USA	Numerical analysis and shock waves
WU, Prof. Xue-song 5/08-10/08	Imperial College of Science, Technology and Medicine, UK	Applied mathematics, hydrodynamic stability, and combustion

SR. RESEARCH FELLOWS

JIMENEZ, Prof. Javier 1987-present	Universidad of Politecnica, Madrid and Center for Turbulence Research	Homogeneous and inhomogeneous shear turbulence

2008 STEERING COMMITTEE

Prof. Juan Alonso
Aeronautics and Astronautics, Stanford University

Prof. Gianluca Iaccarino
Mechanical Engineering, Stanford University

Prof. Javier Jiménez
Sr. Research Fellow, Center for Turbulence Research; Professor, Universidad of Politecnica, Madrid

Prof. Sanjiva K. Lele
Mechanical Engineering, Aeronautics and Astronautics, Stanford University

Dr. Nagi N. Mansour
Deputy Director, Center for Turbulence Research, NASA Ames Research Center

Prof. Parviz Moin
Director, Center for Turbulence Research
Mechanical Engineering, Stanford University

Prof. Heinz Pitsch
Mechanical Engineering, Stanford University

Dr. Alan Wray
Staff Scientist, NASA Ames Research Center