

ROSTER

NAME/TERM		AREA OF RESEARCH
POSTDOCTORAL FELLOWS		
AKKERMAN, Dr. Vyacheslav 6/07-present	(Ph.D. Physics 2007, Umea University, Sweden)	Turbulent combustion
BALARAC, Dr. Guillaume 1/07-present	(Ph.D. Mechanics and En- ergetics 2006, Institut Na- tional Polytechnique de Grenoble, France)	Turbulent combustion
BENOIT, Dr. Fiorina 1/05-12/06	(Ph.D. Turbulent Combustion 2004, Ecole Centrale Paris, France)	Supersonic turbulent com- bustion
BIRBAUD, Dr. Ann-Laure 1/07-present	(Ph.D. Energetics 2006, Centre National de La Recherche Scientifique, France)	Combustion noise
DOOSTAN, Dr. Alireza 1/07-present	(Ph.D. Structural Engi- neering 2006, The Johns Hopkins University)	Uncertainty quantification
EL-ASRAG, Dr. Hossam 1/07-present	(Ph.D. Aerospace En- gineering 2007, Georgia Institute of Technology, USA)	Turbulent combustion
GHOSH, Dr. Debraj 10/06-present	(Ph.D. Civil Engineering 2005, The Johns Hopkins University)	Uncertainty quantification
GIAUQUE, Dr. Alexis 5/07-present	(Ph.D. Mechanical En- gineering 2007, Institut National Polytechnique de Toulouse, France)	Acoustic instabilities of combustion
HAHN, Dr. Seonghyeon 10/04-present	(Ph.D. Mechanical Engi- neering 2002, Seoul Na- tional University, Korea)	Integrated simulations for rotorcraft applications

JACOUTOT, Dr. Laetitia 1/07-present	(Ph.D. Mechanics and Energetics 2006, Institut National Polytechnique de Grenoble, France)	Solar convection
KAWAI, Dr. Soshi 1/07-present	(Ph.D. Aeronautics & Astronautics Engineering 2005, University of Tokyo, Tokyo, Japan)	Supersonic mixing and combustion
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-present	(Ph.D. Mechanical Engineering 2006, Cornell University)	Diffuse interface modeling of multiphase flows
LARSSON, Dr. Nils Johan 9/06-present	(Ph.D. Mechanical Engineering 2006, University of Waterloo, Canada)	Shock turbulence interaction
LEDERLIN, Dr. Thomas 9/07-present	(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)	Stability and separation analysis
MATTSSON, Dr. Ken 9/04-9/07	(Ph.D. Scientific Computing 2003, Uppsala Universitet, Sweden)	Numerical analysis
PAI, Dr. Madhu 9/07-present	(Ph.D. Mechanical Engineering 2007, Iowa State University, USA)	Multiphase flows
PECNIK, Dr. Rene 7/07-present	(Ph.D. Mechanical Engineering 2002, Graz University of Technology, Austria)	RANS turbulence modeling and simulation

STINIS, Dr. Panagiotis 9/07-present	(Ph.D. Applied Mathematics 2003, Columbia University, USA)	Solar convection
WANG, Dr. Liangyu 6/06-present	(Ph.D. Mechanical Engineering 2004, Pennsylvania State University, USA)	Turbulent combustion
RESEARCH ASSOCIATES		
HAM, Dr. Frank 6/02-present	(Ph.D. Mechanical Engineering 2001, University of Waterloo, Canada)	Unstructured grid LES and simulation of multiphase flows
HERRMANN, Dr. Marcus 3/02-8/07	(Ph.D. Mechanical Engineering 2001, University of Technology, Aachen, Germany)	Turbulent combustion and simulation of multiphase flows
KALITZIN, Dr. Georgi 1/97-10/07	(Ph.D. Mechanical Engineering 1992, University of Magdeburg, Germany)	Turbulence modeling and numerical methods
MEDIC, Dr. Gorazd 9/05-present	(Ph.D. Applied Math 1999, Universite Pierre et Marie Curie, Paris 6, France)	Turbulence modeling and RANS/LES integration
VAN DER WEIDE, Dr. Edwin 10/02-present	(Ph.D. Aerospace Engineering 1998, Von Karman Institute for Fluid Dynamics, Brussels)	RANS simulation and RANS/LES integration
YOU, Dr. Donghyun 6/04-present	(Ph.D. Mechanical Engineering 2004, Stanford University, USA)	Multi-physics flow and flow control

SR. VISITING FELLOWS

BASTIAANS, Dr. Rob 6/07-9/07	Eindhoven University of Technology, Netherlands	Combustion
BOYD, Dr. Iain 9/06-6/07	University of Michigan	Hypersonics
ETEMADI, Dr. Nasrollah 8/06-present	University of Illinois, Chicago	Mathematics and statistics

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FEDOTOV, Dr. Sergei 7/07-9/07	University of Manchester, UK	Anomalous diffusion in porous media
KOBAYASHI, Dr. Hiromichi 3/05-3/07	Keio University, Japan	Subgrid-scale modeling
LUNDGREN, Dr. Thomas 1/07-2/07	University of Minnesota	Passive scalar power law
MANI, Dr. Ramani 2/07-12/07	General Electric, Global Research	Combustion noise
NORDSTROM, Dr. Jan 6/06	Uppsala University, Sweden	Numerical analysis
SUZUKI, Dr. Takao 3/07	University of Fukui, Japan	Aeroacoustics
WAGNER, Dr. Claus 9/07-12/07	Ph.D. Numerical Fluid Me- chanics, 1995, Munich Uni- versity of Technology, Ger- many	Turbulent Rayleigh- Benard convection and subgrid scale modeling

**SR. RESEARCH
FELLOWS**

JIMENEZ, Prof. Javier 1987-present	University of Madrid, Spain	Homogeneous and inho- mogeneous shear turbu- lence
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2007 STEERING COMMITTEE

Prof. Gianluca Iaccarino
Mechanical Engineering, Stanford University

Prof. Javier Jiménez
Sr. Research Fellow, Center for Turbulence
Research, Professor, University of Madrid

Prof. Sanjiva K. Lele
Mechanical Engineering, Aeronautics and As-
tronautics, Stanford University

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

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

Prof. Heinz Pitsch
Mechanical Engineering, Stanford University

Dr. Alan Wray
Staff Scientist, NASA Ames Research Center