

ROSTER

Name/Term		Area of Research
Postdoctoral Fellows		
BERMEJO-MORENO, Dr. Iván 07/2009–present	(Ph.D. Aeronautics, 2008, California Institute of Technology, USA)	LES of compressible flows
BODART, Dr. Julien 01/2011–present	(Ph.D. Space and Aero- nautics, 2009, Institut National Polytechnique de Toulouse, France)	Wall-modeling in LES, multiphase flows
GORLÉ, Dr. Catherine 04/2010–present	(Ph.D. Aerodynam- ics, 2010, von Karman Institute for Fluid Dy- namics and University of Antwerp, Belgium)	Epistemic uncertainty quantification of tur- bulent mixing
KAH, Dr. Damien 06/2011–present	(Ph.D. Energetics, 2010, Ecole Centrale, Paris, France)	Multiphase flows
KAUL, Dr. Colleen 08/2011–present	(Ph.D. Mechanical Engi- neering, 2011, University of Texas at Austin, USA)	Turbulent combustion
KAWAI, Dr. Soshi 01/2007–01/2011	(Ph.D. Aeronautics and Astronautics, 2005, Uni- versity of Tokyo, Japan)	Supersonic mixing and combustion
KOTOV, Dr. Dmitry 07/2011–present	(Ph.D. Physics and Mathematics, 2010, Moscow Institute of Physics and Technology, Russia)	Hypersonics
KNUDSEN, Dr. Ed 11/2009–present	(Ph.D. Mechanical Engi- neering, 2009, Stanford University, USA)	LES of reactive flows

LODATO, Dr. Guido 08/2009–07/2011	(Ph.D. Computational Fluid Dynamics, 2008, CORIA, INSA de Rouen, France)	Turbulent combustion
OLSHEVSKY, Dr. Vyacheslav 06/2010–05/2011	(Ph.D. Heliophysics and Physics of the Solar System, 2009, National Academy of Sciences, Ukraine)	Turbulent phenomena on the sun
URZAY, Dr. Javier 03/2011–present	(Ph.D. Aerospace Engineering, 2010, University of California, San Diego, USA)	Combustion and multiphase flows
VICQUELIN, Dr. Ronan 11/2010–08/2011	(Ph.D. Energetics, 2010, Ecole Centrale, Paris, France)	Turbulent combustion
WITTEVEEN, Dr. Jeroen 07/2009–present	(Ph.D. Aerospace Engineering, 2009, Delft University of Technology, Netherlands)	Uncertainty quantification
Research Associates		
GUGLIELMINI, Dr. Laura 10/2010–present	(Ph.D. Environmental Engineering, 2004, University of Genoa, Italy)	Biofluids
KIM, Dr. Dokyun 06/2011–present	(Ph.D. Mechanical Engineering, 2011, Stanford University, USA)	Multiphase flows
KITIASHVILI, Dr. Irina 01/2008–present	(Ph.D. Astronomy 2005, Engelgardt Astronomical Observatory of Karzan University, Russia)	Solar convection
LARSSON, Dr. Johan 09/2006–present	(Ph.D. Mechanical Engineering, 2006, University of Waterloo, Canada)	Supersonic reactive flows, wall-modeling in LES
MARXEN, Dr. Olaf 07/2006–04/2011	(Ph.D. Aerospace Engineering, 1999, University of Stuttgart, Germany)	Hydrodynamic stability

NICHOLS, Dr. Joseph 03/2009–present	(Ph.D. Mechanical Engineering, 2005, University of Washington, USA)	Aerodynamic noise
PALACIOS, Dr. Francisco 01/2011–present	(Ph.D. Applied Mathematics, 2008, Autonomous University of Madrid, Spain)	Numerical methods
ZHAO, Hong 01/2009–present	(Ph.D. Theoretical and Applied Mathematics, 2006, University of Illinois, Urbana-Champaign, USA)	Biofluids
Senior Research Associate		
HAM, Dr. Frank 06/2002–present	(Ph.D. Mechanical Engineering, 2001, University of Waterloo, Canada)	Complex multi-physics flow simulations
Visiting Fellow		
ROSSI, Dr. Riccardo 10/2011–12/2011	(Ph.D. Mechanical Engineering 2005, Università di Bologna, Italy)	Modeling of scalar transport
Senior Visiting Fellows		
CHOI, Prof. Haecheon 06/2010–07/2011	Seoul National University, South Korea	Wall-modeling in LES
MASSOT, Prof. Marc 07/2011–present	Laboratoire EM2C, UPR CNRS, Ecole Centrale, Paris, France	Multiphase flows and numerical analysis
POINSOT, Prof. Thierry 06/2011–08/2011	Institut de Mécanique des Fluides de Toulouse, CNRS and Institut National Polytechnique de Toulouse, France	Turbulent combustion
SHU, Prof. Chi-Wang 04/2011–05/2011	Brown University, USA	Numerical methods
VAN OIJEN, Prof. Jeroen 06/2011–09/2011	Eindhoven University of Technology, Netherlands	Turbulent combustion

Senior Research Fellows

HUSSAIN, Prof. Fazle 2011–present	University of Houston	Turbulence structure
JIMÉNEZ, Prof. Javier 1987–present	Universidad Politécnica, Spain, and Center for Turbulence Research	Turbulent boundary layers

2011 STEERING COMMITTEE

Prof. Juan Alonso
Aeronautics and Astronautics,
Stanford University

Prof. Gianluca Iaccarino
Mechanical Engineering,
Stanford University

Prof. Javier Jiménez
Center for Turbulence Research,
Universidad Politécnica, Spain

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

Prof. Ali Mani
Mechanical Engineering,
Stanford University

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

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Mechanical Engineering,
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Prof. Heinz Pitsch
Mechanical Engineering,
Stanford University

Dr. Alan Wray
NASA Ames Research Center