

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 |
| BRANDIS, Dr. Aaron 07/2009–08/2010 | (Ph.D. Aerothermody- namics, 2009, University of Queensland, Australia) | Hypersonic flows |
| CHUMAKOV, Dr. Sergei 10/2008–07/2010 | (Ph.D. Mechanical Engi- neering, 2005, University of Wisconsin–Madison, USA) | LES of mixing and reactive flows |
| GORLE, Dr. Catherine 04/2010–present | (Ph.D. Aerodynam- ics, 2010, von Karman Institute for Fluid Dy- namics and University of Antwerp, Belgium) | Compressible flows |
| KANG, Dr. Seongwon 07/2008–06/2010 | (Ph.D. Mechanical Engi- neering, 2008, Stanford University, USA) | Numerical methods |
| KAWAI, Dr. Soshi 01/2007–present | (Ph.D. Aeronautics and Astronautics, 2005, Uni- versity of Tokyo, Japan) | Supersonic mixing and combustion |
| KNUDSEN, Dr. Ed 11/2009–present | (Ph.D. Mechanical Engi- neering, 2009, Stanford University, USA) | LES of reactive flows |
| KOSTKA, Dr. Marcus 08/2008–10/2010 | (Ph.D. Mechanical En- gineering, 2008, Imperial College, England) | LES of reactive flows |
| LANI, Dr. Andrea 01/2010–12/2010 | (Ph.D. Engineering Sci- ences, 2008, University of Brussels, Belgium) | Hypersonic flows |

| | | |
|---|---|--------------------------------|
| LODATO, Dr. Guido 08/2009–present | (Ph.D. Computational Fluid Dynamics, 2008, CORIA, INSA de Rouen, France) | Turbulent combustion |
| NICHOLS, Dr. Joseph 03/2009–present | (Ph.D. Mechanical Engineering, 2005, University of Washington, USA) | Aerodynamic noise |
| OLSHEVSKY, Dr. Vyacheslav 06/2010–present | (Ph.D. Heliophysics and Physics of the Solar System, 2009, National Academy of Sciences, Ukraine) | Turbulent phenomena on the sun |
| PEČNIK, Dr. Rene 07/2007–10/2010 | (Ph.D. Mechanical Engineering, 2002, Graz University of Technology, Austria) | RANS modeling and simulation |
| RAESSI, Dr. Mehdi 04/2008–04/2010 | (Ph.D. Mechanical Engineering, 2007, University of Toronto, Canada) | Multiphase flows |
| ROUX, Dr. Anthony 12/2009–present | (Ph.D. Energy and Transfer, 2009, INPT, Toulouse, France) | Turbulent combustion |
| TERRAPON, Dr. Vincent 10/2008–12/2010 | (Ph.D. Mechanical Engineering, 2005, Stanford University) | Supersonic combustion |
| WANG, Dr. Wei 05/2008–05/2010 | (Ph.D. Applied Mathematics, 2008, Brown University, USA) | Numerical methods |
| WITTEVEEN, Dr. Jeroen 07/2009–present | (Ph.D. Aerospace Engineering, 2009, Delft University of Technology, The Netherlands) | Uncertainty quantification |

Research Associates

| | | |
|---|--|--|
| KIM, Dr. Seung Hyun 06/2004–08/2010 | (Ph.D. Mechanical Engineering, 2003, Pohang University of Science and Technology, Korea) | 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 |
| LIANG, Dr. Chunlei 04/2009–07/2010 | (Ph.D. Mechanical Engineering, 2005, University of London, UK) | Numerical methods |
| MANI, Dr. Ali 06/2009–present | (Ph.D. Mechanical Engineering, 2009, Stanford University, USA) | Aeroacoustics, microfluidics, multiphase flows |
| MARXEN, Dr. Olaf 07/2006–present | (Ph.D. Aerospace Engineering, 1999, University of Stuttgart, Germany) | Hydrodynamic stability |
| PAI, Dr. Madhu 09/2007–10/2010 | (Ph.D. Mechanical Engineering, 2007, Iowa State University, USA) | Multiphase flow |
| 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 09/2008–12/2010 | (Ph.D. Mechanical Engineering 2005, Università di Bologna, Italy) | Modeling of scalar transport |
|--|---|------------------------------|

Senior Visiting Fellows

| | | |
|---|--|---|
| CHOI, Prof. Haecheon 06/2010–present | Seoul National University, South Korea | Wall-modeling for LES |
| GRAVEMEIER, Dr.-Ing. Volker 07/2010–10/2010 | Technical University of Munich, Germany | LES of turbulent premixed combustion |
| HADJADJ, Prof. Abdellah 06/2010–08/2010 | CORIA, INSA de Rouen | High-speed turbulent flows |
| LUNDGREN, Prof. Tom 01/2010–02/2010 | University of Minnesota, USA | Turbulence |
| SHINJO, Eng. Junji 03/2010–present | Aerospace Research and Development Directorate Japan Aerospace Exploration Agency | Turbulent combustion |
| SHU, Prof. Chi-Wang 08/2008–present | Brown University, USA | Numerical methods |

Senior Research Fellows

| | | |
|--|--|------------------------------|
| BURTON, Dr. Gregory 01/2009–03/2010 | (Ph.D. Aerospace Engineering, 2003, University of Michigan, USA) | LES of scalar mixing |
| JIMÉNEZ, Prof. Javier 1987–present | Universidad Politécnica, Spain, and Center for Turbulence Research | Turbulent boundary layers |

2010 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

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
NASA Ames Research Center