

Gianluca Iaccarino -Stanford University, USA

Talk title	Turbulence, Data and Everything Else
Biography	<p>Gianluca Iaccarino is a professor in Mechanical Engineering and Director of the Institute for Computational Mathematical Engineering at Stanford University.</p> <p>He received his PhD in Italy from the Politecnico di Bari in 2005 and has worked for several years at the Center for Turbulence Research (NASA Ames & Stanford) before joining the faculty at Stanford in 2007.</p> <p>Since 2014, he is the Director of the PSAAP Center at Stanford, funded by the US Department of Energy: a \$20M research Center focused on multiphysics simulations, uncertainty quantification and exascale computing. In 2010 he received the Presidential Early Career Award for Scientists and Engineers (PECASE) award from the President Obama, for his work on uncertainty quantification in computational science.</p> <p>In the last couple of years, he has received best paper awards from AIAA, ASME IMECE and Turbo Expo Conferences. Over the years, Prof. Iaccarino's interests in research and teaching have touched many topics, but always revolved around the use of computing and data to solve problems in energy, biomedicine, and aerodynamics.</p>