****

George Karniadakis is the Charles Pitts Robinson and John Palmer Barstow  Professor of Applied Mathematics at Brown University. He is one of the founders of the IMAG/MSM ten years ago and he has received funding continuously since then. He received his S.M. (1984) and Ph.D. (1987) from [Massachusetts Institute of Technology](http://web.mit.edu/). He was appointed Lecturer in the Department of Mechanical Engineering at MIT in 1987 and subsequently he joined the Center for Turbulence Research at [Stanford](http://www.stanford.edu/) / [Nasa Ames](http://www.arc.nasa.gov/). He joined Princeton University as Assistant Professor in the Department of Mechanical and Aerospace Engineering and as Associate Faculty in the Program of Applied and Computational Mathematics. He was a Visiting Professor at [Caltech](http://www.caltech.edu/) (1993) in the [Aeronautics Department](http://www.galcit.caltech.edu/). He joined [Brown University](http://www.brown.edu/) as Associate Professor of Applied Mathematics in the Center for Fluid Mechanics on January 1, 1994. He became a full professor on July 1, 1996.  He has been a Visiting Professor and Senior Lecturer of Ocean/Mechanical Engineering at MIT since September 1, 2000. He was Visiting Professor at [Peking University](http://www.pku.edu.cn/) (Fall 2007 & 2013). He is a Fellow of the Society for Industrial and Applied Mathematics (SIAM, 2010-), Fellow of the American Physical Society (APS, 2004-), Fellow of the American Society of Mechanical Engineers (ASME, 2003-) and Associate Fellow of the American Institute of Aeronautics and Astronautics (AIAA, 2006-). He received the Ralf E Kleinman award from SIAM (2015), the (inaugural) J. Tinsley Oden Medal (2013), and the CFD award (2007) by the US Association in Computational Mechanics.  His **h-index is 78** and he has been cited over **31**,**000** times. His research interests focus on stochastic multiscale mathematics and modeling of physical and biological systems.  Current thrusts include machine learning and scientific computing, [stochastic simulation](https://www.brown.edu/research/projects/crunch/sites/brown.edu.research.projects.crunch/files/uploads/Stochastic%20Comutational%20Fluid%20Mechanics.pdf)(in the context of uncertainty quantification and beyond), [fractional PDEs](http://www.dam.brown.edu/International%20Symposium/internationalsymposiumonfractionalPDEs.htm), and multiscale modeling of complex systems.