Pierre Sagaut – Aix-Marseille University, France

Talk title	Hybrid Regularized Lattice Boltzmann Method for complex turbulent flow simulations
Biography	Pierre Sagaut received his PhD in Computational Fluid Dynamics in 1995 from University Pierre et Marie Curie/Paris 6. From 1995 he used to work as a senior scientist in the CFD & Aeroacoustics Dept. at ONERA (the French National Aerospace Laboratory) working on the development of high-fidelity numerical methods for turbulent flow simulations. He got a full Professor position in Mechanics at University Pierre et Marie Curie in 2002, and then moves to Aix-Marseille University in 2015. His main research activities deal with development of advanced numerical methods and turbulence models, along with Uncertainty Quantification and Data Assimilation methods, with application to aerodynamics, aeroacoustics, heat transfer and urban physics. His recent researches are focused on the developments of Lattice-Boltzmann methods for fluid dynamics. Prof. Sagaut co-authored more than 200 articles in peer-reviewed international journals ans 10 monographs. He is presently Editor-in-Chief of Computers and Fluids, and Associate Editor of Journal of Computational Physics and Journal of Scientific Computing. He received the John Green award of the International Council of Aeronautical Science in 2002 and the Great Prize for Research delivered by the French Academy of Sciences and the EADS Foundation in 2010. He is a honorary member of the Institut Universitaire de France.