James J. Riley
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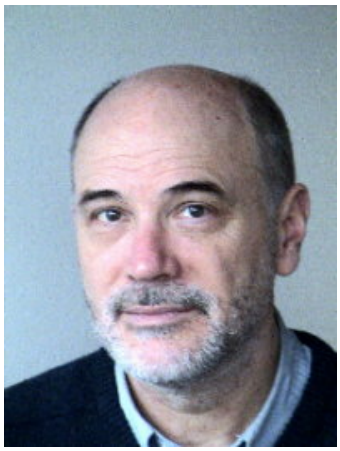

Professor Riley has been involved in the study of density-stratified flows since the mid 1970s. He has held academic positions in Engineering, Applied Mathematics and Aeronautics and Astronautics as well as senior positions in industry. Professor Riley has been active in Editing our research, serving as an Associate Editor for the Journal of Fluid Mechanics, the Journal of Turbulence, Applied Mechanics Reviews and on the Editorial Committee of the Annual Review of Fluid Mechanics. He has served as Chair of the American Physical Society, Division of Fluid Dynamics and on numerous national advisory committees.

Professor Riley has been a pioneer in the use of spectral methods to study the dynamics of turbulence in a variety of settings, including the ocean and atmosphere. He has long been interested in instabilities and the transition to turbulence and the influence of stratification. Professor Riley has published widely on a diverse array of topics such as the equation of motion for a small rigid sphere in nonuniform flow, available potential energy and mixing, transition in boundary and shear layers, buoyancy effects on turbulence, internal waves, turbulent reacting flows, LES methods, geophysical turbulence, rotating free-shear flows and many others.

In recognition of his decades of contributions to research, education and service in the field of stratified flows, we are very pleased to honor Professor Riley with a Special Session at the VIIIth International Symposium on Stratified Flows.

Please join us in congratulating and thanking Professor Riley during the Symposium.