

## **Dr. Constantine Polymeropoulos**

Dr. Polymeropoulos is a Professor in the Department of Mechanical Engineering at Rutgers the State University of New Jersey. As a member of the Thermal Sciences Section of the Department he has taught different undergraduate and graduate courses in the areas of Heat Transfer, Thermodynamics, Combustion, and has also been involved in the Laboratory department. For the last few years he has been involved in research related to thermal and material transport and has published papers in the areas of evaporation and ignition of liquid fuel droplets and sprays, multicomponent fuel vaporization, and the different stages in the manufacture of optical fiber (preform heating, fiber cooling, fiber coating). He has also been involved in research related to aircraft fire safety, the suppression of fires using water mists, the flammability and ignition of fuel in an aircraft fuel tank, etc.