

Short C.V:

Kazuhiro Nakahashi is a Professor in the Department of Aerospace Engineering at Tohoku University in Sendai, Japan. He obtained his Ph.D degree at the University of Tokyo, Japan in 1979. Since then, he worked at the National Aerospace Laboratory (currently, the Japan Aerospace Exploration Agency) as a research scientist of CFD for rocket and jet-engine propulsions. He received a paper award at the AIAA propulsion conference in 1983. In 1988, he moved to the Department of Aeronautics at Osaka Prefecture University. Since 1993, he has been a Professor at Tohoku University. He proposed CFD algorithms such as solution-adaptive grid using tension-torsion spring analogy, FDM-FEM hybrid method, prismatic grid method, overset unstructured grid method and so on. During the last decade he has been working on developing an unstructured-grid CFD code named TAS (Tohoku university Aerodynamic Simulation) for compressible Euler/Navier-Stokes equations. Currently the TAS-code is used for aerospace applications at JAXA, industries and universities in Japan. He is a fellow of Japan Society of Mechanical Engineers and the Japan Society of Fluid Mechanics. He had worked as a member of the board of directors at the Japan Society for Aeronautical and Space Sciences.