

Vincent Couaillier (Dr) :

- Current position :
- Head of the Research Unit “Numerical methods in Fluid Mechanics” in the Department “Aerodynamics, Aeroelasticity and Acoustics” of ONERA
- 
- Education :
- Master in mathematics and PhD at University “Pierre et Marie Curie” of Paris (UPMC)
- Doctoral Thesis : Multigrid method for the Euler equations (1985)
- 
- Activities in short :
- Involved since 30 years in R&D for CFD, including industrial application challenges with a particular focus to turbo-engines and aircraft flow simulations. The activity includes software development as elsA and parents used by industrial partners (mainly Airbus, Safran) based on structured and unstructured FV methods with RANS models, and since 2010 the management of the Aghora DG project for RANS, LES, DNS.
- Involved since 20 years in several European projects for numerical methods in fluid mechanics including FV/DG methods and uncertainty propagation, bilateral cooperations with DLR and USAF, international CFD workshops