

Jean PIQUET

Ecole Centrale de Nantes
1 Rue de la Noe, BP 92101
44321 Nantes cedex, France

Phone:0240371633
Fax: 0240372523
e-mail: Jean-Piquet@ec-nantes.fr

Current position

Professor Ecole Centrale de Nantes

Education

Engineer Ecole Centrale de Lyon (1967), PhD in Mécanique (1973)

Research interests

Turbulence modelling, CFD

Career

Professor at ECN since 1976

Honors and awards

2nd price Seymour Cray-France (1991)

Professional activities

Head of CFD group (1982-1995), Director of the Fluid Mechanics Laboratory (1995-1999), Chairman of the Program Committee "Fluid Mechanics" at IDRIS and CINES

Summary of journal publications

Journal	Impact factor	Number of papers
Computers and Fluids	1,479	6
International Journal for Numerical Methods in Fluids	0.544	6
Compte Rendus à l'Académie des Sciences, Mécanique	0.366	6
Numerical Algorithms	0.395	2
International Journal for Numerical Methods in Engineering (1.691-1), Journal Fluids Engineering ASME (0.656-1), Journal of Fluids and structures (0.791-1), Progress in Aerospace (1.229-1)		

Selected publications (max. 5)

E.Guilmineau, J. Piquet & P. Queutey (1997) 2D turbulent viscous flow simulation past airfoils at fixed incidence. *Comp. Fluids*, Vol.26, pp.135-162.

J. Piquet & V.C. Patel (1999) Transverse-curvature effects on a turbulent boundary layer. *Progr. Aerosp. Sci.* Vol.35, pp.661-672.

J. Piquet & X. Vasseur (2000) A non standard multigrid method with flexible semi-coarsening for the solution of Reynolds-averaged Navier-Stokes equations. *Numer. Alg.* Vol.24, pp.333-355.

Deng, Piquet, Vasseur & Visonneau (2001) A new fully-coupled method for computing turbulent flows. *Comp. Fluids* 30, pp.445-472.

J. Piquet (2005) Structure des développements de distorsion rapide à petits temps en turbulence homogène. *CR Mécanique* 333, pp.257-263.

