

# Teaching and Research Emphasis- Dr. Roland Glowinski

## 1. Positions

- Research Engineer at ORTF (French Broadcasting System): 1963-1968
- Research Engineer at IRIA: 1968-1970
- Scientific Director and Project Leader at IRIA/INRIA: 1970-1985
- Assistant, Associate, Full and Distinguished Professor of Mathematics at University P. and M. Curie (Paris VI): 1970-2000. Emeritus Professor since 2000
- Chairman of UER 48 (one of the two departments of Mathematics at University P. and M. Curie: 1981-1985
- Lecturer in Computational and Applied Mathematics at Ecole Polytechnique, Paris, France: 1968-1985
- Director of the European Center for Research and Advanced Education in Scientific Computing (CERFACS), Toulouse, France: 1992-1994
- Cullen Professor of Mathematics and Mechanical Engineering, University [Teaching and Research Emphasis](#) of Houston: 1985-present
- Adjunct Professor of Computational and Applied Mathematics, Rice University, 1986-present
- Docent Professor of Computational and Applied Mathematics, University of Jyväskylä, Finland: 2001-present

## 2. Consulting Activities

- SAGEM, Paris, France: 1972-1974
- CNET (Centre National d' Etudes des Télécommunications), Paris, France : 1968-`1985
- Dassault-Aviation, Paris : 1987-1988
- IFP (Institut Français du Pétrole), Paris, France : 1990-present
- Shell Oil Co, Houston : 2000

## 3. Distinguished Lectures

Roland Glowinski has given a very large number of invited, plenary, keynote, ..., lectures all around the world; we shall distinguished among them:

- Invited plenary lecture at the SIAM National Meeting, Madison, WI, 1978.
- Invited lecture (45 mn) at ICM 1983, Warsaw.
- Zienkiewicz Lecture at MAFELAP 1999, Brunel University, Uxbridge, UK (MAFELAP: Mathematics of Finite Elements and Applications), (lecture on the direct numerical simulation of particulate flow).
- IMA Distinguished Lecturer 1999 (with H.O. Kreiss) with lectures at Oxford University, Imperial College and Brunel University (IMA: Institute of Mathematics and Applications; it is the British equivalent of SIAM)
- Invited plenary lecture at the 2000 ECCOMAS Conference, Barcelona, Spain (ECCOMAS: European Community on Computational Methods in Applied Sciences)

- Invited plenary lecture at the Conference on Applied Mathematics of the European Mathematical Society, Nice, France, February 2003.
- Invited plenary speaker at the Joint Conference of the American Mathematical Society and of the Canadian Mathematical Society, Edmonton, Canada, June 2003.
- Theodore Von Kármán Lecture, SIAM National Meeting, Portland, Oregon, July 2004.
- Syncrude Lecture, University of Alberta, Edmonton, Canada, November, 2004

#### **4. Other Activities**

- Member of the Scientific Board of Electricité de France (EDF): 1990-1996
- Member of the Evaluation Committees of INRIA (1986-2001), of the Research Center in Scientific Computing at University of Heidelberg, RFA (1996-present), of the Research Center in Scientific Computing at the Royal Institute of Technology, Stockholm, Sweden (1998-present), of the Research Center in Scientific Computing at the Weizmann Institute, Rehovot, Israel (1999).
- Member of the editorial boards of more than 20 scientific journals and series (including the *SIAM J. of Scientific Computing* (1980-1986), the *Journal of Computational Physics* (1986-1996) and the *Springer Series in Scientific Computations* (1984-present))
- Foreign member of the *Numerical Analysis Panel* of the *British*