



Jean Salençon

Elected Corresponding Members on April 21 1980, and Member on June 13 1988 (Section for Mechanics and Informatics)
President of the French Académie des sciences for the term 2009-2010

Year of birth: 1940

Member of the Académie des sciences (France)
Member (Emeritus) of the Académie des technologies (France)
Chair Professor-at-large, City University, Hong Kong, China
Foreign Member of the Istituto Lombardo (Milan, Italy)
Foreign Member of the Academia das Ciências de Lisboa (Portugal)
Honorary member of the Hungarian Academy of Sciences (Magyar Tudományos Akadémia)
Corresponding member of the Académie des sciences et lettres de Montpellier (France)
Ingénieur général des ponts et chaussées honoraire
Professor Emeritus, École polytechnique, Palaiseau & Ecole nationale des ponts et chaussées.

ADDRESS

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http://www.enseignement.polytechnique.fr/mecanique/index_UK.html

Laboratoire de mécanique des solides, École polytechnique, 91128 Palaiseau Cedex, France.
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OTHER POSITIONS

Since 2009, Member of the Administrative Board of CNRS (Paris, France)
Since 2008, Member of the International Consultative Board of the UANL (Monterrey, Mexico)

SCIENTIFIC WORKS

Publications: Thesis - Books (Eyrolles, Wiley, Presses de l'E.N.P.C., Ellipses, AUPELF, Éditions de l'École polytechnique, Springer) - Reports for the French Academy of Science - Scientific publications - Lecture Notes at the École polytechnique and École nationale des ponts et chaussées - Conferences - Lectures at CISM (Udine), at CISCO, at ENIT (Tunis), at the Politecnico (Milan), at the Pontificia Universidade Católica (Rio de Janeiro), at the University of Salta (Argentina), at the University of Granada (Spain), at the University of Pavia (Italy), at the City University Hong Kong. Publications and lectures in international meetings (with proceedings). Research reports. (More than 190 publications.)

Research domains: Structure analysis. Soil Mechanics. Continuum Mechanics.

Main results: Charts for the calculation of the bearing capacity of shallow foundations. Yield design theory. Stability analysis of earthworks. Probabilistic approach of the yield design theory. Applications of the yield design methods in the case of anisotropic soils. Stability analysis of reinforced earth



structures. Composite materials. Bearing capacity of shallow foundations under inclined and eccentric loads and seismic conditions. Theoretical approach of ultimate limit states design.

SCIENTIFIC AWARDS

Montyon Prize, awarded by the Académie des sciences, (Paris), 1978.

Trevithick Prize, awarded by the Institution of Civil Engineers (London), 1990.

AFPS Prize, awarded by the Association française de génie parasismique (1991).

PAST POSITIONS

2009-2010	President of the Académie des sciences
2009	President of the Institut de France
2007-2012	President of the scientific Board of GDF-SUEZ
2007-2008	Vice-president of the Académie des sciences
2005-2011	Member of the Administrative Board of the CNAM (Paris, France).
2004-2012	Rector of the CISM (Udine, Italy).
2004-2007	Member of the Scientific Board of the École nationale des ponts et chaussées.
2004	Chairman of the Central Administrative Board of the Institut de France.
2002-2005	Member of the Board of Governors of École polytechnique.
2000-2004	Member of the Bureau IUTAM.
2000-2003	Member of the Conseil général des ponts et chaussées
2000-2001	Founding Member of the Académie des Technologies, Paris (France).
1996-2003	Member of the scientific council of CISM (Udine, Italy).
1996-1997	Member of the Scientific Committee of the Institut Français du Pétrole.
1995-2002	Member of the Board of governors of École Centrale.
1995-1998	Member of the Scientific Committee of the ONERA.
1992-2000	Chairman of the IUTAM Solid Symposia Panel.
1992-1997	Vice president of the CADAS (Council for Applications of the French Academy of Science).
1990-2000	Member and Chairman (1992-2000) of the Committee for scientific research RENAULT Consortium (France).
1990-1996	Member of the Board of governors of École polytechnique
1989-2000	Member of the CADAS (Council for Applications of the French Academy of Science).
1987-1991	President of the Scientific Committee of the Institut de Mécanique de Grenoble (IMG).
1986-1993	Member of the Scientific Committee of the École nationale des ponts et chaussées.
1986-1990	President of the French Committee for Soil Mechanics and Foundation Engineering.
1986-1989	President of the Scientific Committee of G.R.E.C.O., "Rheology of Geomaterials".
1985-2000	Chairman of the Department of Mechanics at École polytechnique.
1985-1989	Member of the European Mechanics Committee.
1983-1992	Member of the Scientific Committee of the Laboratoire des ponts et chaussées.
1983-1986	Member of the Committee for "Sciences pour l'ingénieur" of the French National Research Centre, (C.N.R.S).
1982-2005	Professor in Mechanics at the École polytechnique
1982-1994	President of the Board of management of the Laboratoire de Mécanique des Solides, École polytechnique.
1982-1989	Member of the Commission of "Grands équipements de la recherche technique".
1982-1983	President of the Committee for Mitigation of Seismic hazard (Académie des sciences).
1980-1985	Head of the Department of Mechanical and material sciences, École nationale des ponts et chaussées.
1980-1983	Member of the National Committee of C.N.R.S.
1977-1998	Professor, École nationale des ponts et chaussées, Paris.
1976-1985	Member of the Editorial Board of the <i>Journal de Mécanique Théorique et Appliquée</i> .



INSTITUT DE FRANCE
Académie des sciences

- 1975-1977 Associate Professor in Structure Analysis, École nationale des ponts et chaussées, Paris.
- 1974-1980 Member of the Central Committee for Research of the Centre Technique Industrie de la Construction Métallique (CTICM).
- 1974-1975 Scientific Advisor to the Centre de Mise en Forme des Matériaux (CEMEF).
- 1969-1982 Lecturer in Mechanics at the École polytechnique (full time: 1974-1975).
- 1965-1982 Lecturer in Soil Mechanics, École nationale des ponts et chaussées, Paris.
- 1964-1974 Assistant Lecturer in Strength of materials and Materials engineering, École nationale supérieure des mines de Paris.
- 1964-1974 Researcher at the Laboratoire de Mécanique des Solides, École polytechnique; research domains: Elasticity, Viscoelasticity, Plasticity, Soil Mechanics, Continuum Mechanics.

LANGUAGES

English and Spanish: fluent. (German and Portuguese).

HONORS

Légion d'Honneur (Commander), *Ordre National du Mérite* (Officer), *Palmes Académiques* (Commander).

As of May 2013