

Full name: **Roger Alain FRANK**

Honorary Professor of Geotechnical Engineering and Emeritus Research Director at Ecole nationale des ponts et chaussées (French National School of Bridges and Highways, ENPC), since 2015

President of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for 2013-2017

Born: 5 November 1949 at Roslyn, New-York, U.S.A.

Citizenships: French and U.S.

Married, 2 children

Professional address: Ecole nationale des ponts et chaussées
Laboratoire Navier-geotechnical team (CERMES)
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Distinctions:

- National Order of Merit, France (2000)
- Doctor Honoris Causa of the Technical University of Constructions, Bucharest (2005)
- 14th Prague Geotechnical Lecturer (2006)
- 14th Széchy Memorial Lecturer, Budapest (2008)
- 8th Nonveiller Lecturer, Zagreb (2008)
- Recipient of *George Stephenson Medal*, ICE, London (2008)
(paper co-authored with P Pouget, *Géotechnique*, October 2008)
- 11th Šuklje Lecturer, Brdo pri Kranju, Slovenia (2010)
- 9th Jennings Memorial Lecturer, South Africa (2011)
- Recipient of *Széchy Károly Medal*, Hungarian Chamber of Engineers (2011)
- Recipient of *De Beer Prize*, Groupement Belge de Mécanique des Sols (period 2009-2013)
- *Annual Conference Lecturer* of the Spanish Geotechnical Society (2014)

Education:

1972 Engineering Diploma from Ecole Nationale des Ponts et Chaussées (ENPC), Paris

1974 Doctorate in Engineering, Pierre and Marie Curie University, Paris

1984 Doctor of Science, Pierre and Marie Curie University, Paris

Languages: French, English, modern Greek, some Russian

Positions held:

1975-1992 Laboratoire central des ponts et chaussées (LCPC), Paris
(Central Laboratory of the French Bridges and Highways Administration):

1975-1982 Research engineer in the Foundations Section

1983-1990 Head of the Foundations Section

1990-1992 Head of the Soil Mechanics and Foundations Division

since 1992 Ecole nationale des ponts et chaussées (ENPC), Paris
(National School of the French Bridges and Highways Administration)

1992-2002 Director of CERMES (Soil Mechanics Teaching and Research Centre, ENPC-LCPC)
1994-2014 Research Director (1st Class and Exceptional Class)

Teaching:

1974-1975 Lecturer in Soil Mechanics at ENTPE
1975-1991 Lecturer, then Assistant Professor of Soil Mechanics at ENPC
1991-1997 Associate Professor of Soil Mechanics at ENPC
1999-2002 Chairman of doctoral commission of ENPC on "Mechanics, Sciences of materials and Construction" and Responsible of doctoral education on "Mechanics, Materials and Geotechnical Engineering"
1997-2014 Professor at Ecole nationale des ponts et chaussées (ENPC)
2007-2016 Director of the Advanced Studies program « European Civil Engineering »

Fields of activity and expertise:

- Experimental and theoretical research on foundations and *in situ* testing of soils;
- Consulting on special projects for bridge foundations;
- Numerous international scientific cooperations in the field of geotechnical engineering;
- Coordinator and lecturer in professional development programmes.

Supervision of PhD students:

- Supervisor of 33 PhD students + member of 6 supervision committees (France, Brésil, USA, Belgium, United Kingdom and Kazakhstan) - Reviewer of 30 PhD theses

International positions:

- 1998-2004: Chairman of Eurocode 7 Committee (Geotechnical design), (CEN/TC 250/ SC 7);
- 2005-2009: Vice-President for Europe of ISSMGE (International Society for Soil Mechanics and Geotechnical Engineering)
- 2009-2010: President of the European Civil Engineering Education and Training (EUCEET) Association
- 2009-2013: Appointed Member on the Board of ISSMGE
- **2013- President of ISSMGE (International Society for Soil Mechanics and Geotechnical Engineering)**

Publications and invited lectures:

More 230 papers in journals and in conference proceedings.

More than 220 invited lectures in France, Albania, Algeria, Austria, Belgium, Bolivia, Byelorussia, Brazil, Bulgaria, Cameroon, Canada, China, Columbia, Croatia, Cyprus, Czech Republic, Denmark, Egypt, Finland, Germany, Ghana, Greece, Hong Kong, Hungary, India, Indonesia, Iran, Israel, Italy, Japan, Korea, Lebanon, Lithuania, Malaysia, Morocco, FYRMacedonia, Netherlands, Nigeria, Poland, Portugal, Romania, Russia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Thailand, Tunisia, UK, Ukraine, USA and Vietnam.

Affiliations:

French Society for Soil Mechanics Foundations Engineering (CFMS):

- Member of the Executive Board, from 1992 to 2000, from 2002 to 2010 and since 2012
- Member of the Technical Committee, from 1992 to 2001

International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE):

- Member, European Regional Technical Committee on "Numerical methods in geotechnical engineering" (ERTC 7), from 1986 to 1994
- Member, Technical Committee on "Frost" (TC 8), from 1990 to 2002
- Member, European Regional Technical Committee on "Evaluation for the Application of Eurocode 7 (Geotechnical Design)" (ERTC 10), from 1994 to 2013
- Member, Technical Committee on "Limit State Design in Geotechnical Engineering" (TC 23), from 1994 to 2005

- Member, Technical Committee on "Soil improvement" (TC 17), from 1998 to 2005
- Member, Technical Committee on "Safety and serviceability" (TC 205), from 2010 to 2013
- Member, Technical Committee on "Geo-engineering Education" (TC 306), from 2010 to 2013

Transportation Research Board (TRB, USA):

- Member, Committee on "Foundations of Bridges and Other Structures" (A2K03), from 1992 to 2000

University of Minho, Portugal :

- Member of Advisory Committee of Centre of Territory, Environment and Construction (C-TAC), 2007-2014

National Technical University of Athens (NTUA):

- External Member of the University Council, 2013-2016

Standardisation Committees:

France:

In particular:

- Member of the Committee on the Design of Geotechnical Structures (CNJOG), French Standardisation Organisation (AFNOR), since 1998
- Member of mirror group for the Structural Eurocodes (CF/TC 250-P06E), since 1999 and President in 2013 and 2014

Europe:

In particular:

- Chairman of Eurocode 7 Committee (Geotechnical design), (CEN/TC 250/ SC 7) from 1998 to 2004;
- Member of the French delegation to the Committee on "Structural Eurocodes" (CEN/TC 250), from 2004 to 2014; head of the French delegation, from 2005 to 2014;
- Member of "Horizontal group on bridges" (CEN/TC 250/HGB), from 2009 to 2014;
- Member of "Oversight and management group" of Committee on Eurocode 7 from 2010 to 2014.

Advisory board of scientific journals:

- Member of the Advisory Board of the *International Journal for Numerical and Analytical Methods in Geomechanics* (John Wiley & Sons) from 1984 to 2000.
- Member of the Advisory Board of the *Bulletin of the Public Works Research Centre*, Athens, from 1987 to 2000
- Member of the Advisory Panel of *Geotechnical Engineering* (Institution of Civil Engineers, London), from 1993 to 2002
- Member of the Scientific Committee of *Revue française de génie civil*, Paris, from 1996 to 2004
- Member, Editorial Board, *Engenharia Civil / Civil Engineering*, Universidade do Minho, Portugal, since 2003
- Member, Editorial Board, *Scientific Bulletin, Series: Mathematical Modelling in Civil Engineering*, Technical University of Civil Engineering Bucharest, since 2005
- Member, Editorial Board, *Soils & Rocks, International Journal of Geotechnical and Geoenvironmental Engineering*, ABMS-Brazilian Society of Soil Mechanics and Geotechnical Engineering, since 2007
- Member, Editorial Board, *Annals of Solid and Structural Mechanics*, Springer, since 2009