

## CV Urs Meier

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### Education:

1971-1972 Postgraduate Studies, Massachusetts Institute of Technology, Civil

### Engineering:

1977-1978 Postgraduate Studies, Massachusetts Institute of Technology, Materials Science and Engineering  
1968 Diploma. Bauing. ETH, Swiss Federal Institute of Technology ETH, Zurich

### Professional Experience:

2002 present Deputy Director General of the united EMPA-Laboratories (Dubendorf, St. Gall and Thun; approx. 800 scientific co-workers and lab technician)  
1989-2001 Managing Director, Swiss Federal Laboratories for Materials Testing and Research (EMPA), Dubendorf (approx. 400 scientific co-workers and lab technician)  
1983-1989 Deputy Director of EMPA Dubendorf  
1979-1989 Head of the Department Building Materials of the EMPA  
1972-1979 Head of the Laboratory Polymers/Composites of the EMPA  
1969-1971 Project Manager for investigations on very large structures like the tensioned roof for the Summer Olympics 1972 in Munich at EMPA

### Awards:

1984 Medal of the British Plastics Federation for the contribution "Proposal for a Carbon Fibre Reinforced Bridge across The Strait of Gibraltar at its Narrowest Site"  
1990 Swiss Technology Innovation Award for the development of the novel technique for the post strengthening of structures with carbon/epoxy laminates  
1992 Outstanding Paper Award of the International Association For Bridge and Structural Engineering (IABSE) for the publication "Carbon Fiber-

- Reinforced Polymers: Modern Materials in Bridge Engineering", published in Structural Engineering International 1992, pages 7-12.
- 1996 International Achievement Award from 2nd International Conference on Advanced Composite Materials in Bridges and Structures (ACBMBS II) of the Canadian Society for Civil Engineering in recognition of his outstanding contributions which have furthered the development of applications of advanced composite materials in bridges and structures worldwide
- 1999 European TECHTEXTIL Innovation Award together with G. P. Terrasi for the project "CFRP prestressed High-Strength Spun Concrete Poles"
- 2001 European TECHTEXTIL Innovation Award together with I. Stöcklin and A. Winistörfer for the project "Strengthening of concrete structures with prestressed and gradually anchored CFRP strips"
- 2002 SAMPE Europe Award 2002 in recognition of his outstanding and pioneering contribution to developments in materials and process engineering for applications in civil engineering (SAMPE = The International Society for the Advancement of Material and Process Engineering)
- 2003 Best Paper Award for 2002 for the Best Basic Research Paper in the Journal of Composites for Construction in 2002 of the American Society of Civil Engineers (ASCE) for the paper "External Prestressed Carbon Fiber-Reinforced Polymer Straps for Shear Enhancement of Concrete" together with J. M. Lees and A. U. Winistörfer
- 2003 Best Paper Award "6th International Symposium on Fibre-Reinforced Polymer Reinforcement for Concrete Structures, Singapore 8-10 July 2003

### **Honors:**

- 1989 Professor Swiss Federal Institute of Technology (ETH) Zurich
- 2004 "Urs Meier Scholarship": The ISIS Canada Research Network (Intelligent Sensing for Innovative Structures) has established a stipend called the Urs Meier Scholarship sponsored by ISIS Canada (an organisation of the Canadian Government).

### **Professional Affiliations:**

- SIA, The Swiss Society for Civil Engineering SIA, Member, 1975-1979 Chairman of the Committee SIA 280, Polymeric Membranes
- SVMT, The Swiss Association for Materials Technology, Member, Vice President (1982-1994)
- SAMPE, Society for the Advancement of Materials and Process Engineering, Chairman of the Scientific Committee of SAMPE Europe (1996), Editor of the SAMPE-book "Success of Materials by Combination"
- ACMBS, Network of Canada (Advanced Composite Materials in Bridges and Structures), Member of the board of directors (1990-1996)

- TRB, Transportation Research Board, Washington D.C., Member of the Committee on Structural Fiber Reinforced Plastics A2C07 (1988 until present)
- RILEM member, until 1993 member of several technical committees
- COBRAE, Composite Bridge Alliance Europe, President since 2003
- Member of the Editorial Board of the ASCE Journal of Composites for Construction (1996- 1999)
- Member of the Editorial Board of the RILEM Journal Materials and Structures (1989-1994)

**Patents:**

- 5 worldwide recognized patents within the field of the applications of advanced composite materials in structural engineering

**Publications:**

- approx. 250