

Short Biosketch of Zdeněk P. Bažant

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Born and educated in Prague (Ph.D. 1963), Bažant joined Northwestern University in 1969, became Professor in 1973, and served as Director of Center for Geomaterials (1981-87). Since 1990 he has been W.P. Murphy Professor of Civil Eng. and Materials Science and since 2002 simultaneously McCormick Institute Professor. He was inducted to the US National Academy of Sciences, US National Academy of Engrg., Am. Acad. of Arts & Sciences, Austrian Academy of Sciences, Italian National Academy (dei Lincei, Rome), Spanish Royal Acad. of Engrg., Istituto Lombardo (Milan), Acad. of Engrg. of Czech Rep. and Eur. Acad. of Sci. & Arts; served as Editor of ASCE J. of Engrg. Mechanics, and is Regional Editor of Int. J. of Fracture; was president of Soc. of Engrg. Science, founding president of IA-FRAMCOS and IA-CONCREEP; Division Director in IA-SMiRT; member of US Nat. Comm. on Theor. & Appl. Mech.; and chaired many committees in ASCE, RILEM, ACI, SES and IA-SMiRT. He is an Illinois Registered Struct. Engineer. Among his honors: 6 honorary doctorates—CVUT Prague, UC Boulder, Politecnico di Milano, TU Karlsruhe, INSA Lyon, TU Vienna; Honorary Member of ASCE and of ACI; SES Prager Medal; ASME Timoshenko Medal, Warner Medal and Nádai Medal; ASCE von Kármán Medal; Newmark Medal, Biot Medal, Lifetime Achievement Award, Croes Medal, Huber Prize and TY Lin Award; W.Exner Medal, Austria Gov.-Industry Assoc.; RILEM L'Hermite Medal; Am. Ceramic Soc. Roy Award; Torroja Medal (Spain); Šolín, Bažant (Sr.) & Stodola Medals (Czech Rep., Slovakia); Medal of Czech Soc. for Mech.; IACMAG Outstanding Contrib. Award; ICOSSAR Lecture Award; SEAOL Meritorious Paper Award; Best Engrg. Book of the Year (SAP); and Guggenheim, NATO, Ford, Humboldt, JSPS & Kajima Fellowships. Honored by Special Issues of Int. J. of Solids & Structures and Int. J. of Fracture, and by 60th and 70th birthday workshops & Proc. He authored 6 books (Scaling of Structural Strength, Inelastic Analysis, Fracture and Size Effect, Stability of Structures, Concrete at High Temperature, and Concrete Creep) and >500 refereed journal articles. With the H-index of 60 and >17,000 journal citations (Google 9/2011), he is one of the original top 100 ISI Highly Cited Scientists in Engrg.; www.ISIhighlycited.com.

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