

Short Bio 2013

Witold Litwin is the Emeritus Professor since Sept. 2014 at Université de Dauphine – PSL, affiliated with Lamsade Laboratory. Before, he was Exceptional Class Professor of Computer Science. His research areas are multidatabase systems, data structures and scalable distributed data structures (SDDSs). The techniques he has proposed or pioneered in 80-ties are routinely taught in database courses and presented in numerous books, including the Art of Computer Programming by D. Knuth. The outcomes are in popular database systems and Non-SQL cloud infrastructures, including SQL-Server, DB2, MsAccess, MySQL, Postgres, Sybase, DbLibrary, Google's Bigtable, MsAzur, MongoDB and VMWare-Gemfire RAM-Cloud. At Dauphine, Dr. Litwin was Director of Centre d'Etudes et de Recherches en Informatique Appliquée (CERIA), between 96-08. He has been invited lecturer and scientist at several universities. In the US, he taught databases at UC Berkeley in 1992-94, and Stanford University in 1990-91, among others. His 1990 semester long Stanford course on Multidatabase Systems was largely devoted to his own research outcomes. The class was live on Stanford Educational TV Network (SITN), participant sites were up to East Coast. He was visiting scientist at prominent US research centers, including, Hewlett Packard Palo Alto Labs and IBM Almaden Research. Most recently, he spent the 1st half of his 2009 Sabbatical Semester Leave from Dauphine at Storage Systems Research Center of UCSC, and 2nd half at the Center for Secure Information Systems at GMU, VA. The scientific visits at CSIS continue. During 1980-89 Dr. Litwin was Research Director at Institut National de Recherche en Informatique et Automatique (INRIA, France), and Expert for ISO Committee on Open Systems. Dr. Litwin wrote over hundred sixty research papers, and edited or contributed to eleven books. He is the recipient of three US patents, filed by HP Labs and IBM Research & CSIS. His work has **7135** citations at Google Scholar on March 21, 2017, with hundreds of citations of main articles. He was Program Committee member of fifty international database conferences. For "Pioneering research in dynamic storage structures, scalable distributed file structures and multidatabases" Dr. Litwin became **ACM Fellow 2001**, the only elected for this honor in France up to 2012. Today, principal database systems are multidatabase systems and main public cloud infrastructures, including those already mentioned, use scalable distributed file structures. Dr. Litwin has been also elected to New York Science Academy. He is featured for "outstanding achievement in his field" through which he "significantly contributed to the betterment of the contemporary society" in Who's Who in the World 2012 and 2013 as well as in Who's Who in France 2011, 12, 13. The publication list of Dr. Litwin is available at his Home Page at <http://www.lamsade.dauphine.fr/~litwin/>. Full Bio is at <http://www.lamsade.dauphine.fr/~litwin/Cv-2017.pdf>