Prof. dr VELJKO MILUTINOVIC

Life Fellow of the IEEE

Member, a Former Trustee and Treasurer, Academia Europaea Founding Member, Serbian National Academy of Engineering Foreign Member, Montenegrin National Academy of Sciences and Arts

Prof. Veljko Milutinovic (1951) received his PhD from the University of Belgrade in Serbia, has spent about a decade on various faculty positions in the USA (since 1983, mostly at Purdue University, and more recenlty, since 2016, also at the Indiana University in Bloomington). He was a co-designer of the DARPAs first GaAs (Gallium Arsenide) RISC microprocessor at 200MHz (about a decade before commercial efforts on the same speed) and of the DARPAs first GaAs Systolic Array with 4096 processors on 200MHz (both well documented in the open literature).

His major professional interests include: VLSI chip design, multi-microprocessing, dataflow computing, computing with newly emerging paradigms, datamining, fast computation of complex math algorithms in civil engineering, earthquake engineering, financial engineering, and scientific simulations (tensor calculus, neural nets, PDEs of the finite element type, and PDEs of the finite difference type).

For 20 of his edited books and related publications, foreword endorcements or condensed wisdom were contributed by 20 different Nobel Laureates with whom he cooperated on his past industry sponsored projects. He has published well over 100 SCI journal papers (mostly in IEEE and ACM journals), well over 1500 Thomson-Reuters citations, well over 1800 SCOPUS citations, and well over 5000 Google Scholar citations, with h=40, i10=108, and i100=10.

Short or long courses on the subject he delivered so far in a number of universities worldwide: MIT, Harvard, Boston, Dartmouth, U of Massachusetts at Amherst, NorthEastern, USC, UCLA, Columbia, NYU, Princeton, Rutgers, CMU, Temple, Purdue, IU, UIUC, Michigan, Wisconsin, Minnesota, etc. Also at Brookhaven National Laboratory, Lawrence Livermore National Laboratory, for the researchers of all other major physics labs of the USA, as well as for the leading industry of the USA:

IBM TJ Watson, HP, Intel Oregon, AMD, NCR, RCA, Fairchild, Honeywell, Oracle, Encore, and dozens of other smaller computing-oriented companies in the USA. Also, at numerous conferences in Europe, Asia, Australia, and Americas.