Presentations, papers, reports and one day courses of James Brakefield

Column header info at bottom

Date	Format	Topic	Author	Nature	Where	Web Link	location	Title	Comments	Abstract
12/1/1982	pdf	Forth	JCB	paper	Sigarch	https://dl.acm.org/doi/10.1145/641567.641570	Web page	Talk on interpreters	Forth generalizations, has the "C as bastard Pascal" comment	different kinds of inner interpreters for stack machines (Forth)
6/1/1982	pdf	uP Arch	JCB	paper	Sigarch	https://dl.acm.org/doi/10.1145/641542.641547	Web page	**Just what is an op-code?: or a universal computer design**	most cited of ACM_papers	extensible machine langague
6/1/1982	pdf	uP Arch	JCB	paper	Sigarch	https://dl.acm.org/doi/10.1145/641542.641544	Web page	From the other side of the Alantic: how to improve upon the MU5 design	includes my address descriptors	where the MU5 architecture leads
10/1/1980	pdf	Sys Arch	JCB	paper	Sigarch	https://dl.acm.org/doi/10.1145/641914.641920	Web page	The peripheral bus	strobed data bus	microprocessor pherpherial bus
10/1/1980	pdf	uP Arch	JCB	paper	Sigarch	https://dl.acm.org/doi/10.1145/641914.641919	Web page	Is 32 bits of address too much?	my address descriptor idea	memory descriptor encoding for unsigned, signed and floating-point, bit, two bit and four bit alignment, power of two sizes
1/1/1972	scan pdf	fltg-pt	JCB	paper	Sigarch	https://github.com/jimbrake/Slides-Papers-Reports	Github	An Optimal Floating Point Format	grad student at UW Madison	Floats with exponent and mantissa signs in the middle allowing zero extension on both ends
						https://dl.acm.org/profile/81100118660		Brakefield's ACM publications, citations and downloads	Many of the ACM papers were first given as DECUS talks	7 citations, 1339 total downloads, 1980 to 1991

Column B	Date	presentation date or publication date
Column C	Format	powerpoint, PDF, txt, scanned pdf, docx, doc, xlsx, xilinx ISE project
Column D	Topic	one or two words
Column E	Author	JCB: James C. Brakefield, others as listed in comments
Column F	Nature	info (STEM level presentation), course, paper, patent, report
Column G	Where	Where presented, often IEEE Lonestar section at LMAG or Computer chapter
Column H	Web Link	Web page for paper or presentation
Column I	location	Location of slides/paper: listed Web page, Github (github/jimbrake), opencores.org, other
Column J	Title	Web page title and pptx file title may differ
Column K	Comments	Side information
Column L	Abstract	Culled from web page announcement or source file