

# FPGA BootCamp sessions

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Date	Format	Topic	Author	Nature	Where	Web Link	Location	Title	Comments	Abstract
2/21/2023	pptx	FPGA ed	JCB	info	C16	<a href="https://events.vtools.ieee.org/m/345505">https://events.vtools.ieee.org/m/345505</a>	Web page	Progress report and Education Review and update on FPGA Boot Camp grant	Abbreviated slides, full slides at github	A look at more advanced FPGA education: boards, tools and research. Slide deck includes link to \$20 FPGA Kit slides
1/27/2023	pptx	FPGA	JCB	report		<a href="https://github.com/jimbrake/20-dollar-FPGA-kit">https://github.com/jimbrake/20-dollar-FPGA-kit</a>	Git hub	A \$20 FPGA kit	Pictures of each component on the web page	One of the goals of the FPGA Boot Camp grant was a lowest cost FPGA kit. Using a \$14 FPGA board from China it is possible.
10/15/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/329364">https://events.vtools.ieee.org/m/329364</a>	Git hub	Single day Boot camp for Digital Systems Education	Meeting set up by Carol Redfield, both 1st day & 2nd day slides	Conducted over one Saturday at St. Mary's University
9/3/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/321263">https://events.vtools.ieee.org/m/321263</a>	Web page	Boot camp for Digital Systems Education, 2nd week	FPGA Boot camp presentation, 2nd day slide deck	Conducted over two Saturdays at St. Mary's University
8/27/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/321262">https://events.vtools.ieee.org/m/321262</a>	Web page	Boot camp for Digital Systems Education, 1st week	First day slides, agenda listed	Conducted over two Saturdays at St. Mary's University
7/16/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/318519">https://events.vtools.ieee.org/m/318519</a>	Web page	Boot camp for Digital Systems Education, 2nd week	FPGA Boot camp presentation, 2nd day slide deck	Conducted over two Saturdays at St. Mary's University
6/25/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/317075">https://events.vtools.ieee.org/m/317075</a>	Web page	Boot camp for Digital Systems Education, 1st week	First day slides, agenda listed. Four files plus slide deck	Conducted over two Saturdays at St. Mary's University
6/16/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/316786">https://events.vtools.ieee.org/m/316786</a>	Web page	Boot camp for Digital Systems Education 2nd Saturday	Second day slides, agenda listed	Conducted over two Saturdays at St. Mary's University
5/25/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/317075">https://events.vtools.ieee.org/m/317075</a>	Web page	Boot camp for Digital Systems Education, 1st week	First day slides, agenda listed. Four files plus slides	Conducted over two Saturdays at St. Mary's University
5/18/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/316786">https://events.vtools.ieee.org/m/316786</a>	Web page	Boot camp for Digital Systems Education 2nd Saturday	Second day slides, agenda listed	Conducted over two Saturdays at St. Mary's University
5/11/2022	pptx	FPGA ed	JCB	FPGA course	St. Marys	<a href="https://events.vtools.ieee.org/m/316279">https://events.vtools.ieee.org/m/316279</a>	Web page	Boot camp for Digital Systems Education, 1st week	First day slides, agenda listed	Conducted over two Saturdays at St. Mary's University
3/22/2022	pptx	FPGA ed	JCB	info	C16	<a href="https://events.vtools.ieee.org/m/306653">https://events.vtools.ieee.org/m/306653</a>	Web page	Economies of Scale for FPGA Education	AKA Low Cost FPGA Boards	idea is to do for FPGAs what Raspberry Pi and Arduino have done for microprocessor education

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