Poughkeepsie Chapter of the Association For Computing Machinery

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   aaa          ccccccc       mmmmm   mmmmm
  a   a        cc      cc     mm mm   mm mm
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aa     aa       cc    cc      mm         mm
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MEETING NOTICE

Free and open to the public

Topic: RISC-V: An Open Standard Reduced Instruction Set Architecture

Speaker: Luke Hopkins
When: Monday, May 16, 2022, 7:30 pm

Where: In Cyberspace

Directions: To obtain the URL for this video conference, *you **must** register to attend through Meetup.com/ACM-Poughkeepsie/*

https://meetup.com/ACM-Poughkeepsie/events/285278755/

Once you've done so, your Zoom link will appear on Meetup's page for this event.

About the Topic: RISC-V is an open standard instruction set architecture that originated at the University of California, Berkeley. Although work on the ISA commenced in earnest in 2010, the origin of many aspects of the design date back to work done previously in both the commercial and academic domains. The RISC-V foundation was formed in 2015 to shepherd further development of the architecture and to promote its adoption. The ecosystem around RISC-V includes components for building SoCs, developer boards, tools, and cores. There are many companies actively pursuing RISC-V development, either as the central focus of their business, or in side projects. We'll talk about the instruction set architecture and other topics related to its incorporation in a real system.

About the Speaker: Luke Hopkins studied electrical engineering, mathematics, and computer engineering before joining IBM in the 1990s. He has worked in hardware simulation, firmware, and software on a variety of projects including intersystem coupling, networking, cryptography, storage, and application software. At IBM, his work has focused on the I/O subsystem of the mainframe. He's had a lifelong fascination with all things electronic.

Cost: **Our meeting is Free and open to the public**

Dinner: **Because our meeting is virtual, we will not hold our normal dinner beforehand at the Palace Diner.**

We thank Marist College for providing web conferencing service.

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