

```

      aaa          cccccc      mmmmm mmmmm
      a  a          cc      cc      mm mm  mm mm
     aa  aa        cc      c      mm mm mm mm
    aaaaaaaaaa     cc          mm  mmm  mm
   aa      aa     cc      c      mm  m  mm
  aa      aa     cc      cc      mm          mm
 aa      aa     cccccc      mm          mm

```

**MEETING NOTICE**  
*Free and open to the public*



**Topic: How To Build a Smart Boombox**

**Speaker: Michael MacIsaac**

**When: Monday, May 15, 2023, 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/)  
<https://meetup.com/ACM-Poughkeepsie/events/292077415/>

Once you've done so, your Zoom link will appear on Meetup's page after 6:00pm the night of this event.

**About the Topic:** This presentation will describe how to create an open source "smart boombox" that can play music by voice command. Open source also includes hardware. There will be discussion on woodworking, CNC machines, electronics, sound theory, Systems on Chip, GNU/Linux, distros, desktops, free and open-source media players, voice assistants, and other software. All the hardware and a small software package created by the speaker are free and open. The presentation will conclude with commentary on how ChatGPT might change the nature of personal voice assistants.

**About the Speaker:** After high school, Mike did a tour in the Marine Corps as a radio repairman, then got a Comp. Sci. degree at Northeastern in Boston. He worked at IBM in Kingston and Poughkeepsie mainly on mainframes. When Linux came to z/VM in 2000, Mike says, "I haven't looked back". Mike's main hobby is woodworking, so the smart boombox marries his passions: wood, electronics, and computers.

**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.

P - L - E - A - S - E P - O - S - T

This page is available on the web at <https://pok.acm.org>.

