

# IEEE World AI IoT 2022 IoT Workshop

## Blockchains With Virtual Raspberry Pis

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### GOAL

Showing how to compute pseudo-blockchains using virtual Raspberry Pis.  
These are not blockchains, but they are a related clockchain structures.

### SUBGOALS

Basic principles of distributed computing and consensus

Basic principles of digital money

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## METHODS & TOOLS

QEMU virtual machines supporting ARM Raspberry Pis

MacOS Monterey

Windows 10 or 11

Python 3 and Python libraries

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### RELEASE OF LIABILITY

**We leave it to the user to validate and check for security issues on all software.**

**The systems you install, for this workshop, are at your own risk - we cannot assume any implicit or explicit responsibility for their behavior, risk or damage.**