CONFIDENTIAL BURGERS INC.

Instruction

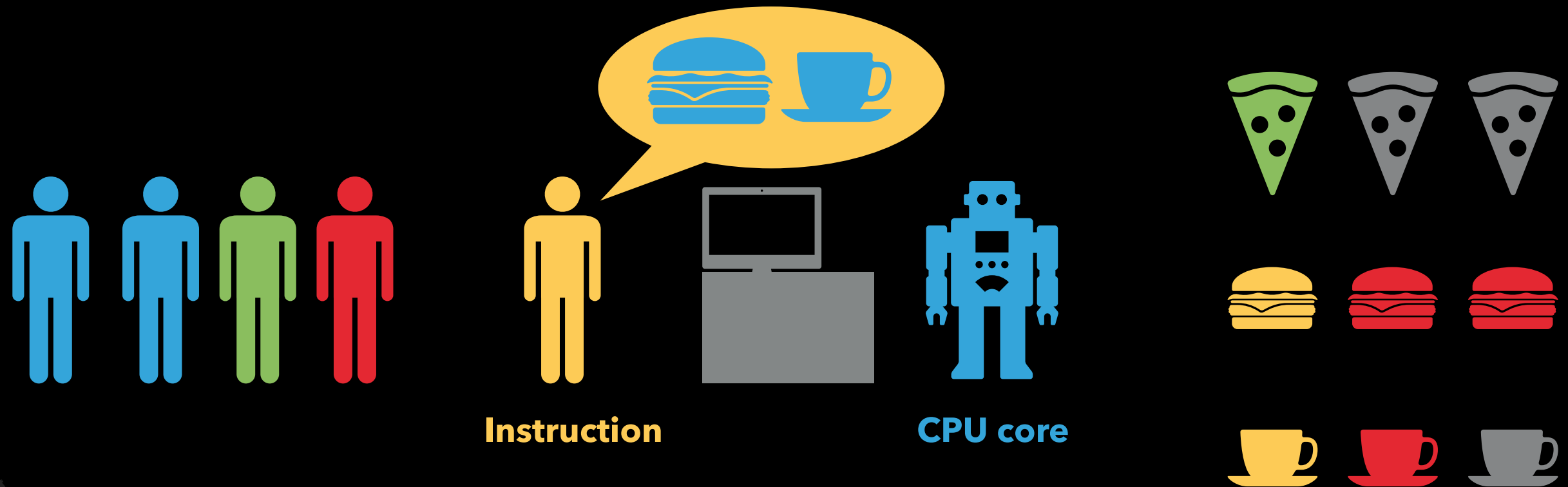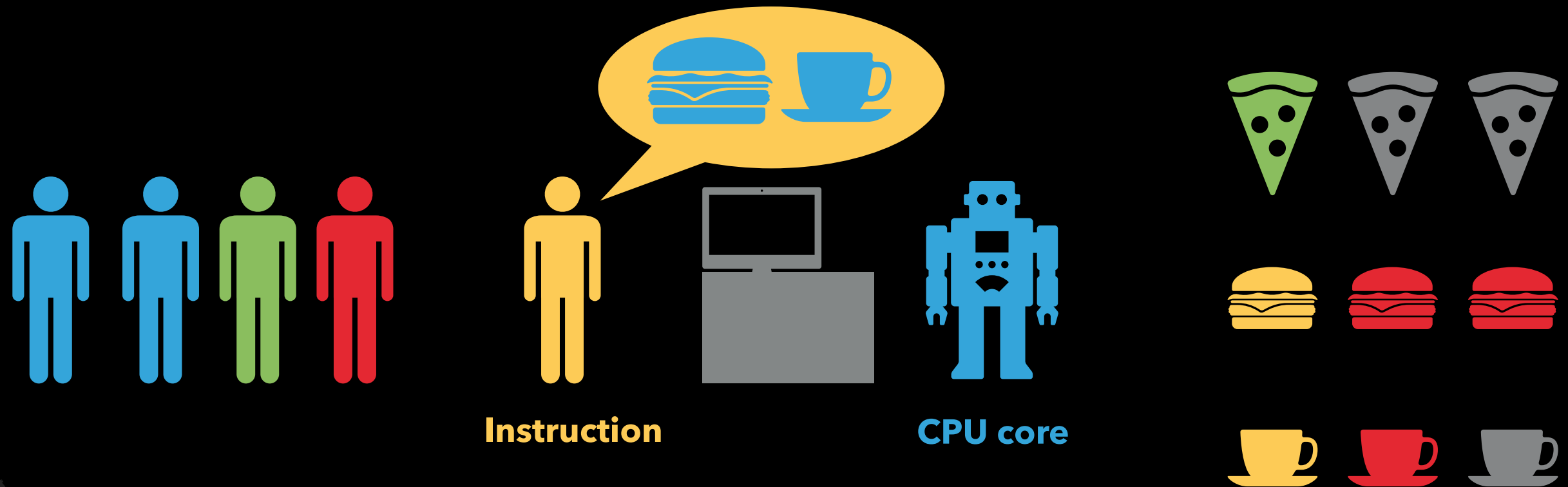CPU core

Adding more resources increase parallelism & throughput. This is all on one CPU core.

CONFIDENTIAL BURGERS INC. : ORDER IS IMPORTANT

Instruction

CPU core

The green instruction will <u>finish</u> before the red instruction.

The CPU ensures that red <u>is seen</u> before green.

Actual μOP execution order