DASYA

RAD

www.dasya.dk
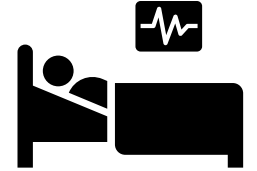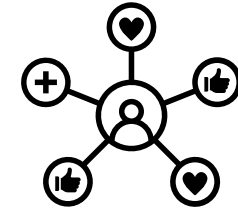@dasyaITU

rad.itu.dk

www.itu.dk

teaching *systems*

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ITU Annual Party

29/09/2023

systems ...   ... from the perspective of a data systems person

applications

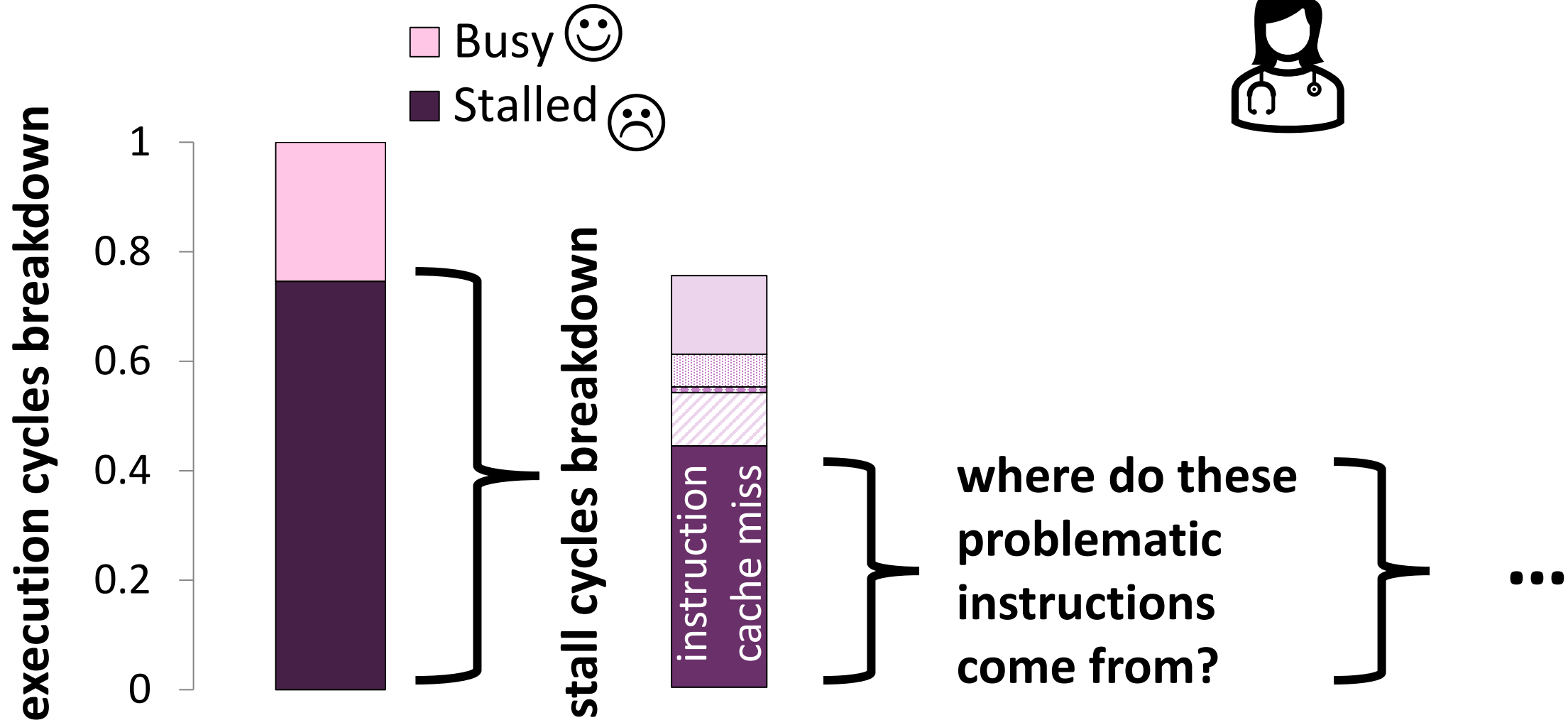**frameworks**
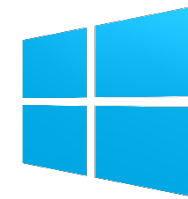
operating system

hardware

**deals with building the layers below applications
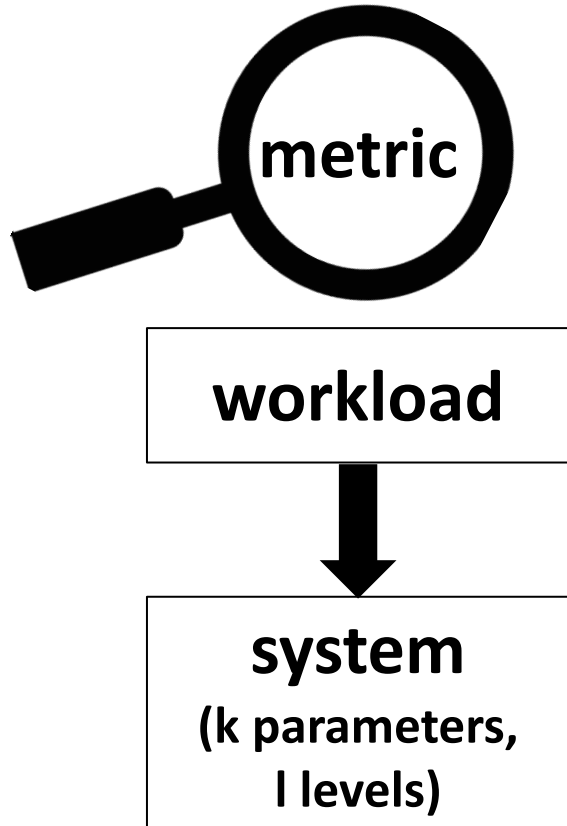& the interactions across layers**

playing doctor with computer systems

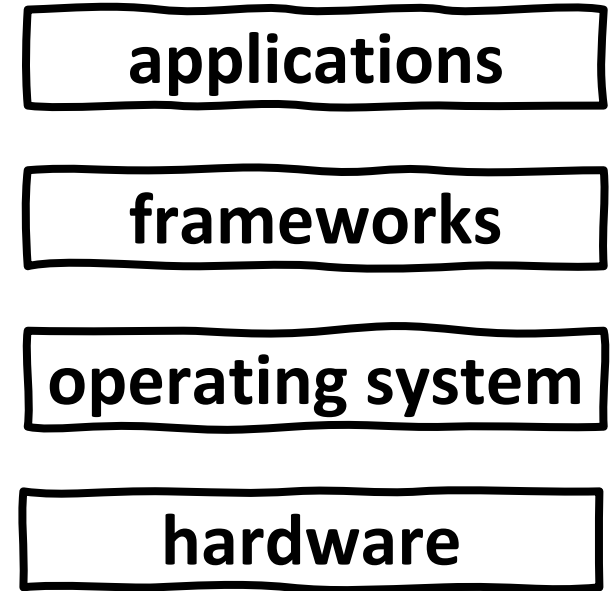**how does a system perform?**
what can we do to improve the performance?

investigating systems performance

metric

workload

system
(k parameters,
l levels)

methodology to
design experiments

tools to run experiments
& collect results

applications

frameworks

operating system

hardware

understanding
systems layers to
interpret results

diversity in systems

% of female authors

- **computer systems research = 10.3%**
- **computer science average = 14.1%**

source: Richter et al.
"Why Are There So Few Women in Computer Systems Research?"

- **unfortunate stereotypes for "a successful systems person"**
- **our teaching can help to break the stereotypes**
- ***systems can be learned by all if you want & have time to learn***

thank you!