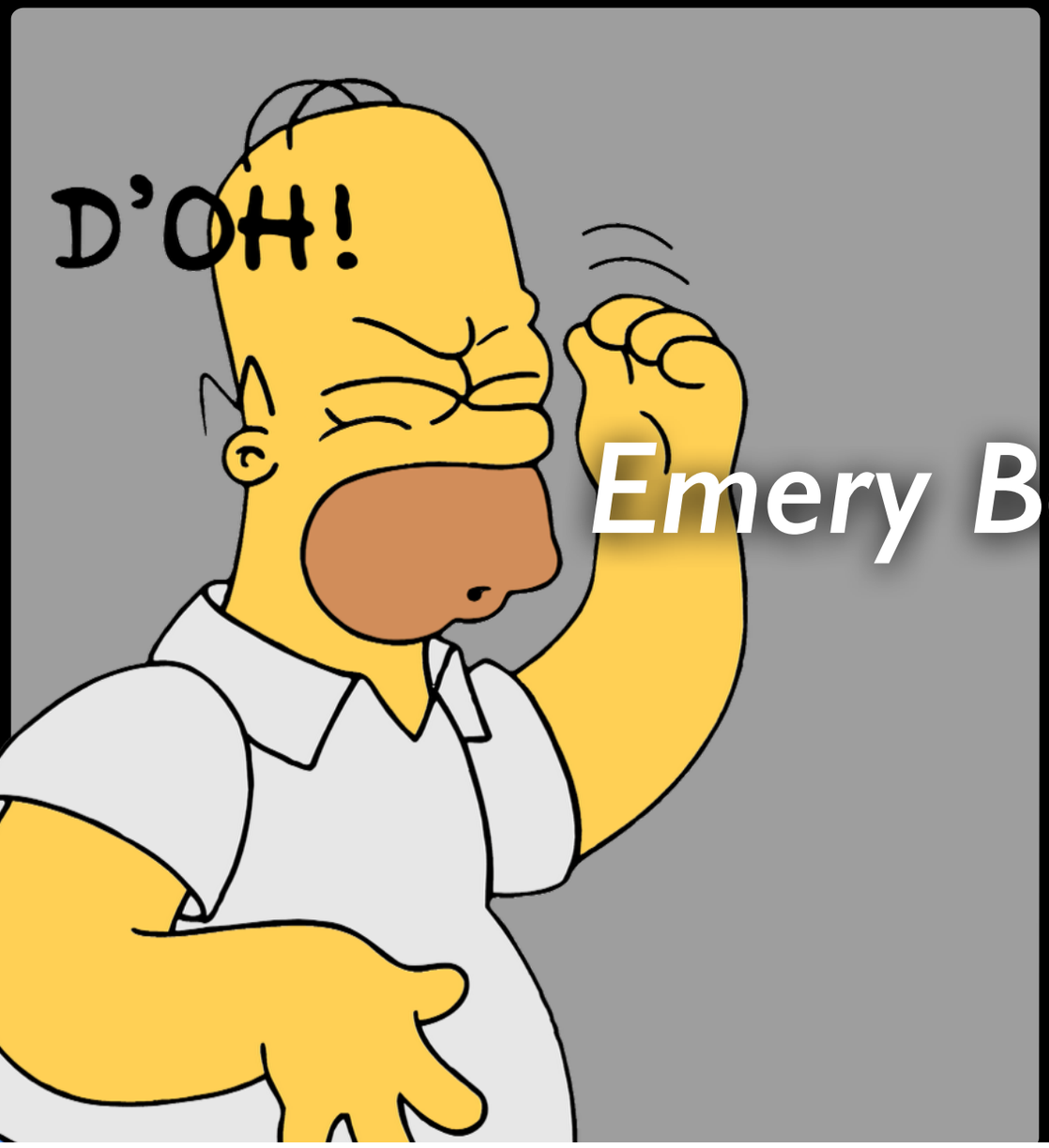
People are Approximate, Too!

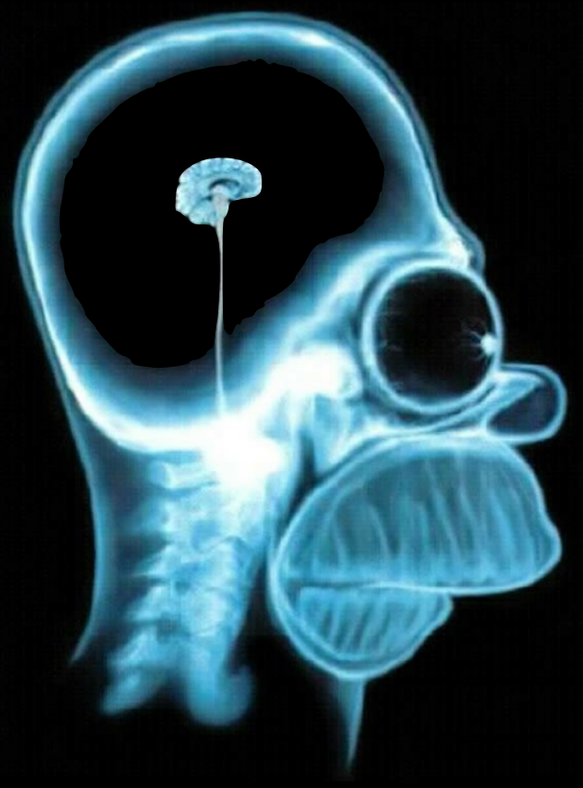


Emery Berger

UMASSCICS

COLLEGE OF INFORMATION AND COMPUTER SCIENCES

People are *Really* Approximate



(dumb)

(dumb mistakes)

(?)

Approximate Computing with People (and more?)

random adversary model

achieve desired confidence in results (e.g., 95%) by rejecting null hypothesis

programming with people

[OOPSLA 2012]

debugging surveys & respondents

[OOPSLA 2014]