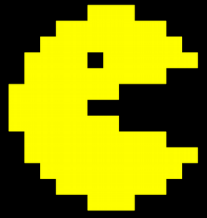
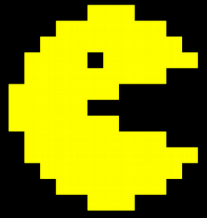


HOW (NOT) TO PHD?

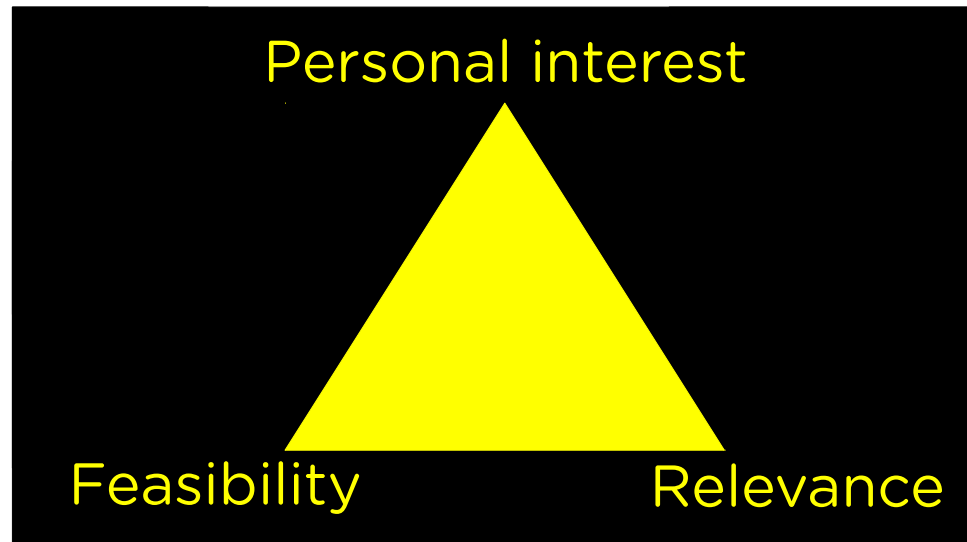


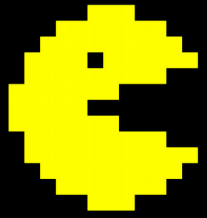
STAGE I

CHOOSING A TOPIC

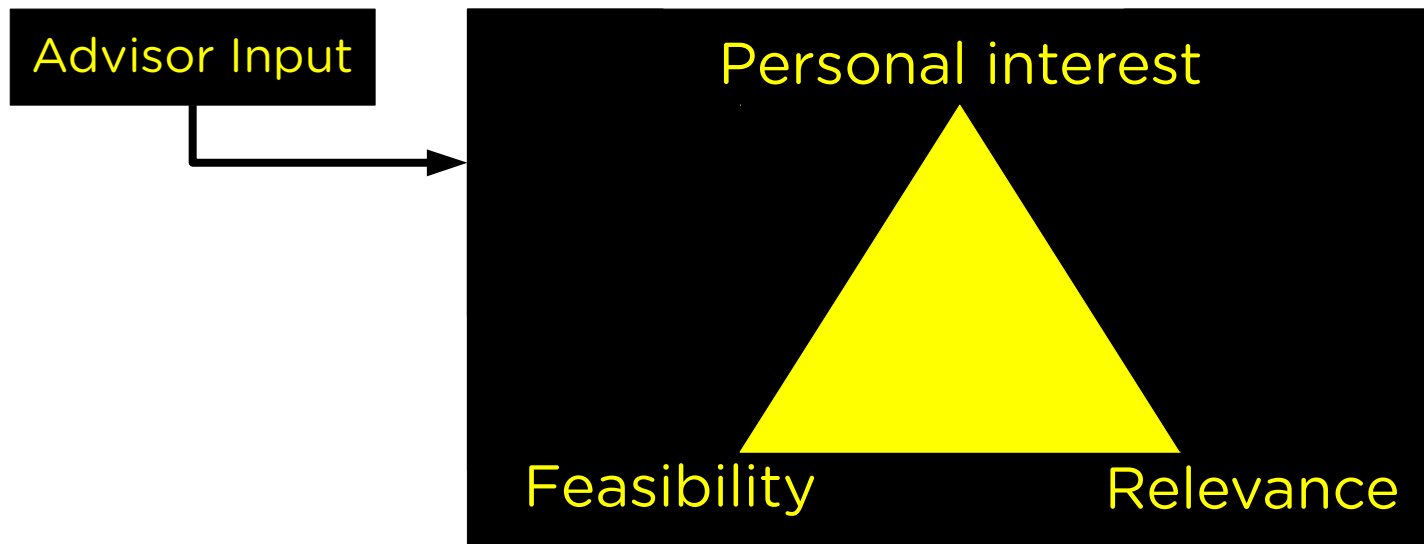


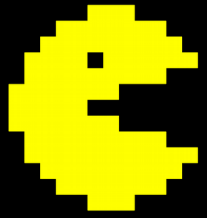
Choosing a topic



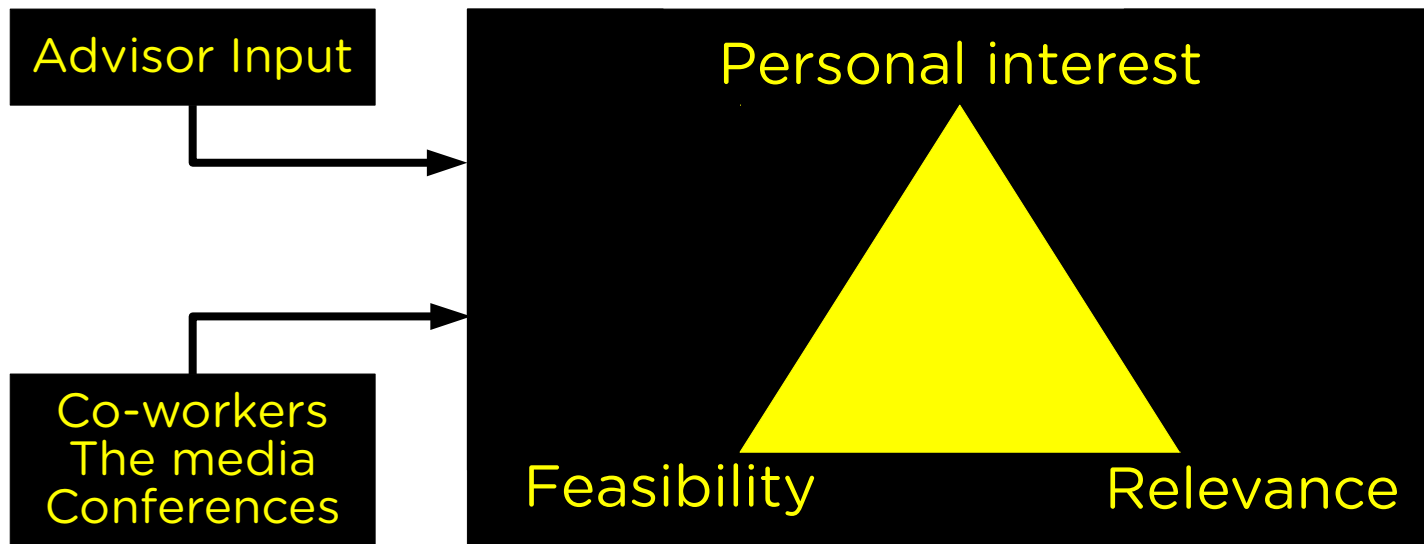


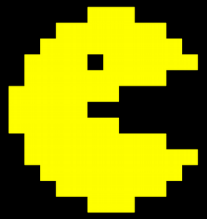
Choosing a topic



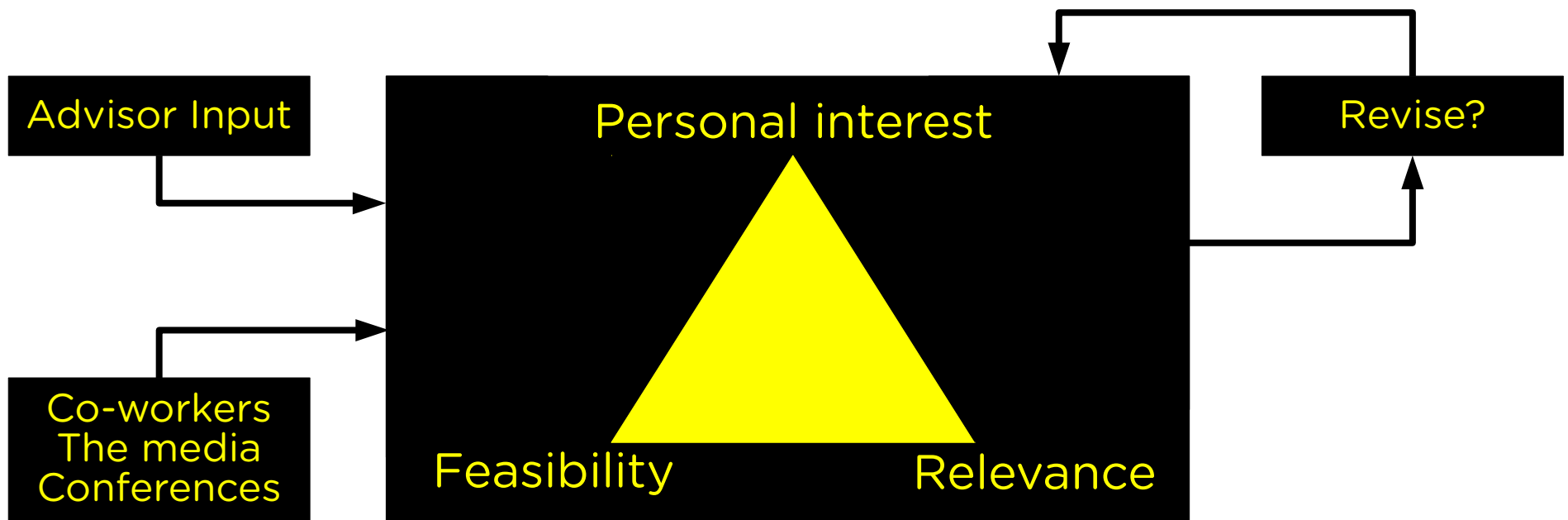


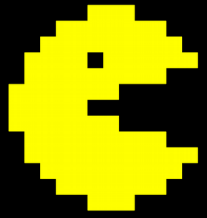
Choosing a topic



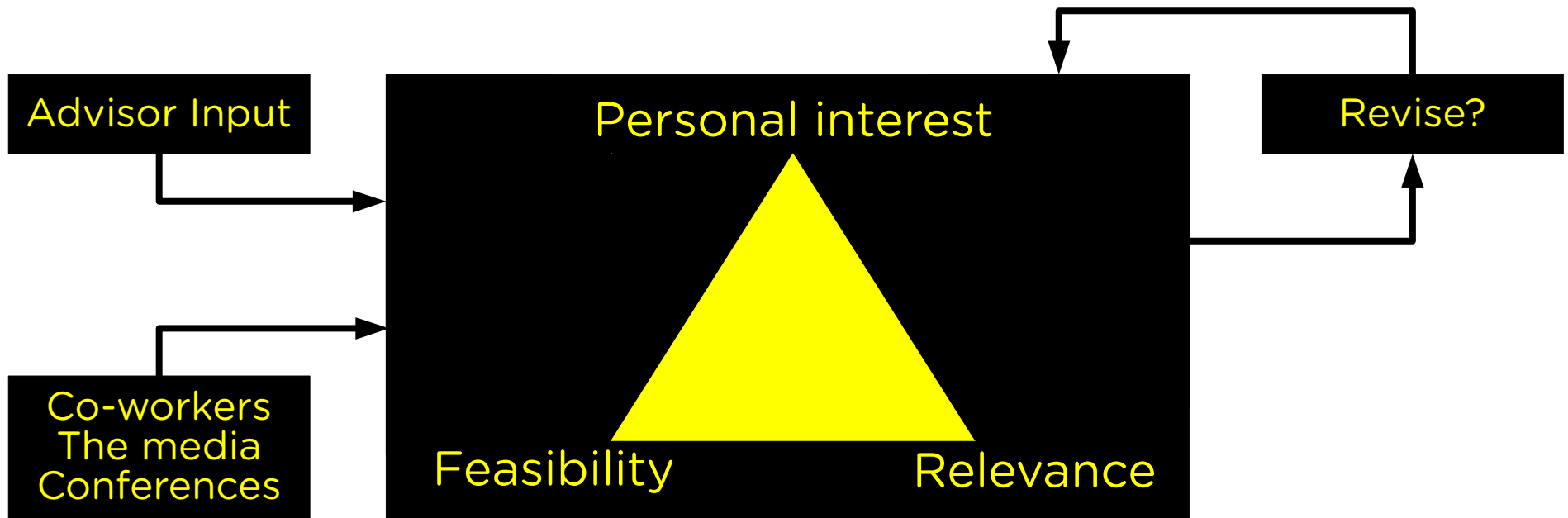


Choosing a topic





Choosing a topic



Be flexible

Try not to end up
with a patchwork...





STAGE 2

DOING RESEARCH



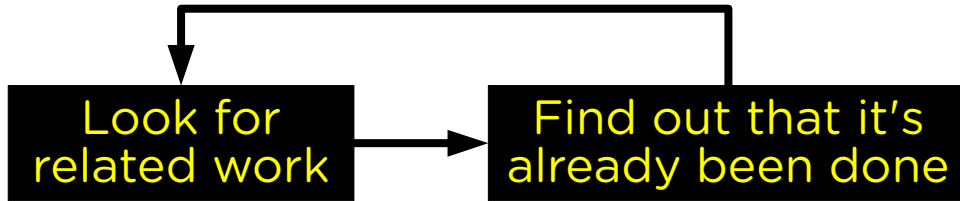
Doing research

Look for
related work





Doing research



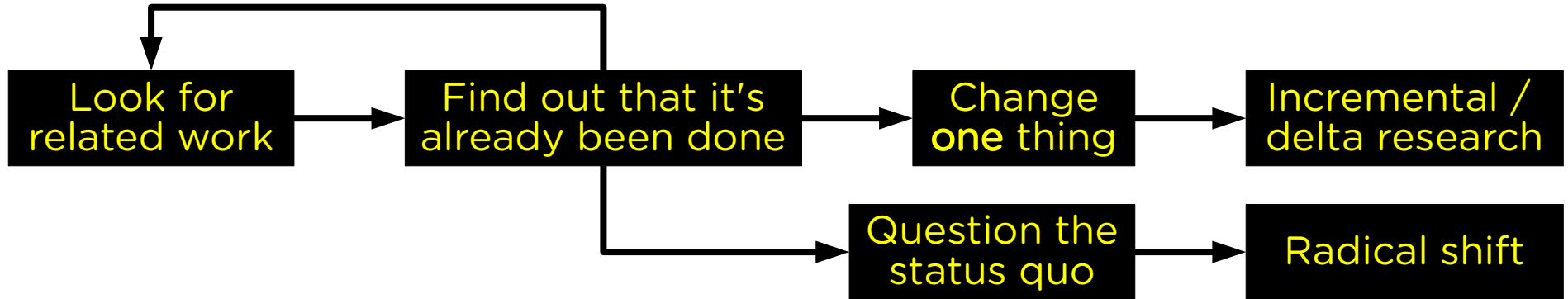


Doing research



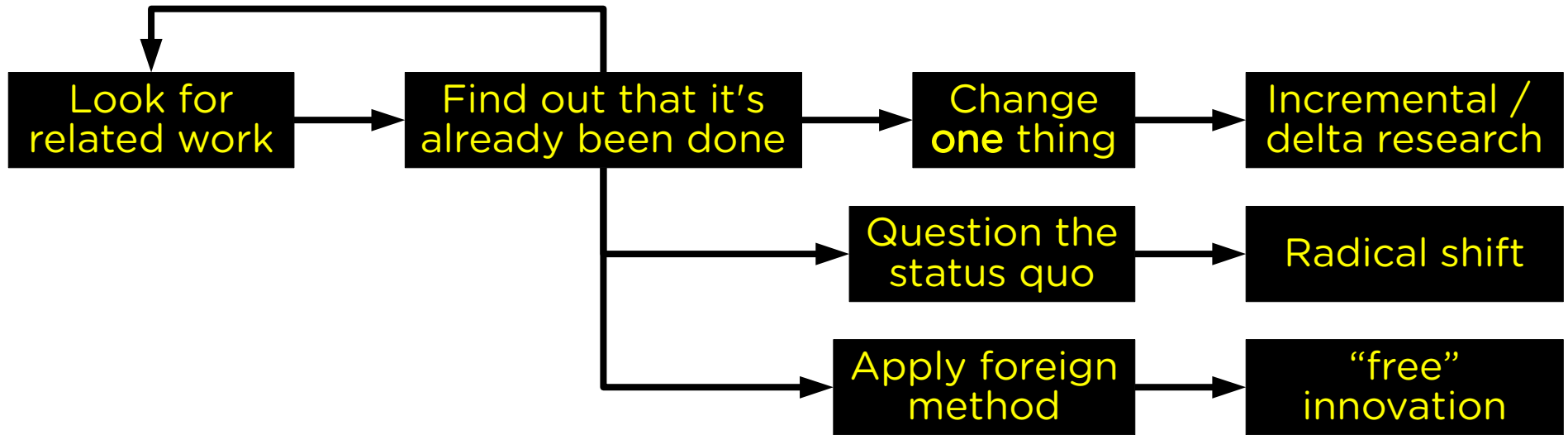


Doing research



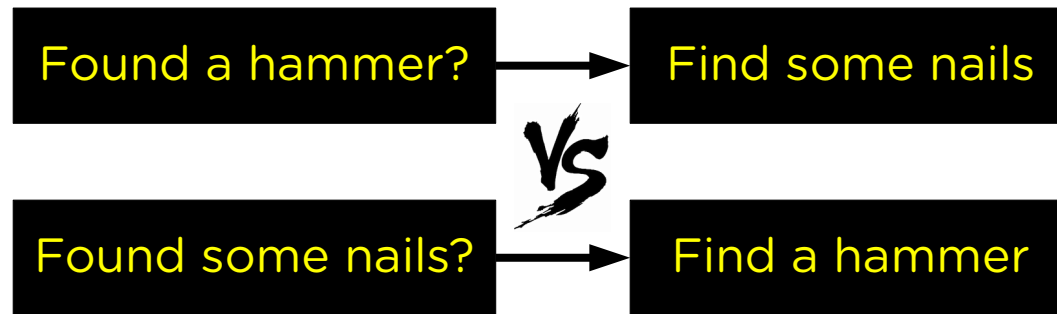
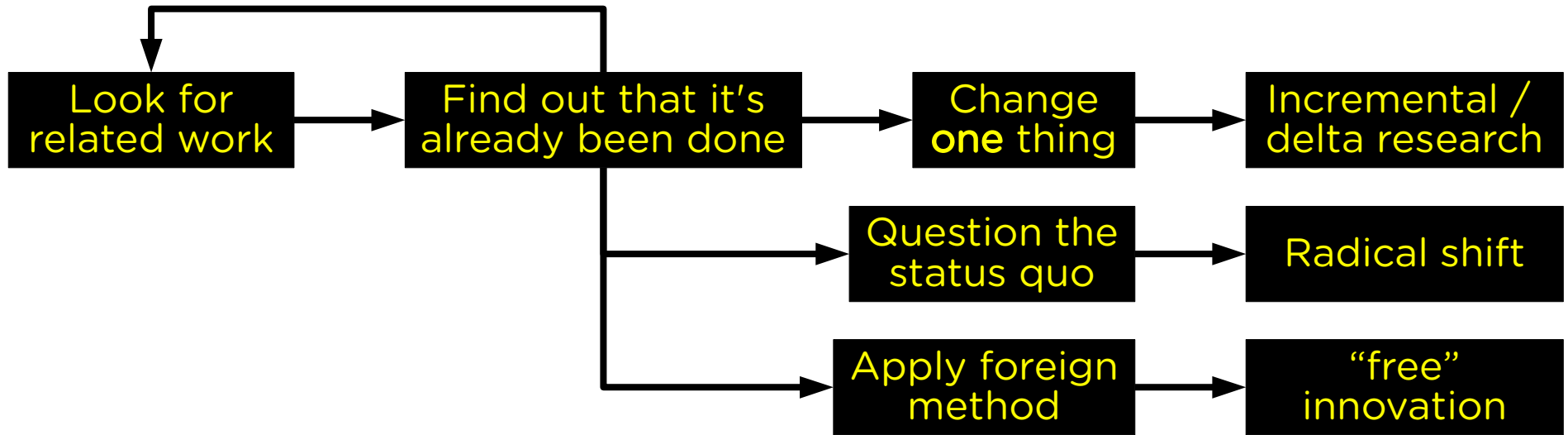


Doing research





Doing research





STAGE 3

WRITING PAPERS



Writing papers

Research, then write



Start writing, then research

Simon Peyton Jones: ["How to write a great research paper"](#)



Writing papers

Research, then write



Start writing, then research

Deadline-oriented



Objective-oriented



Writing papers

Research, then write

VS

Start writing, then research

Deadline-oriented

VS

Objective-oriented

Know your audience!



Writing papers

Research, then write

VS

Start writing, then research

Deadline-oriented

VS

Objective-oriented

Know your audience!

If no-one else does,
take charge yourself!



Writing papers

Research, then write

VS

Start writing, then research

Deadline-oriented

VS

Objective-oriented

Know your audience!

If no-one else does,
take charge yourself!

View reviews not as
an obstacle, but as free feedback



Submit often
and early



Writing papers

Research, then write

vs

Start writing, then research

Deadline-oriented

vs

Objective-oriented

Know your audience!

If no-one else does,
take charge yourself!

View reviews not as
an obstacle, but as free feedback



Submit often
and early

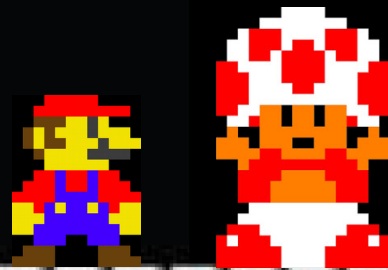
Failure is always
an option - do retract

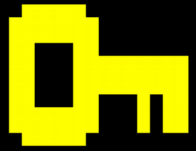


Writing papers

THANK YOU FOR YOUR SUBMISSION!

BUT YOUR PAPER
MUST GO TO ANOTHER VENUE!





STAGE 4
PRESENTING



Presenting

Giving presentations is a powerful facilitator for..

Simon Peyton Jones: ["How to give a great research talk"](#)



Presenting

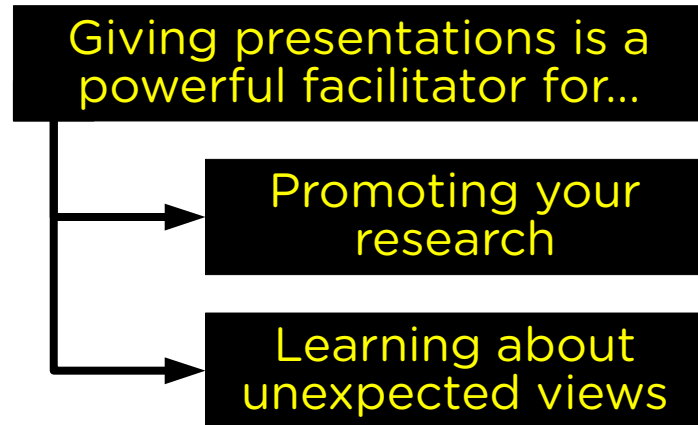
Giving presentations is a powerful facilitator for..

Promoting your research

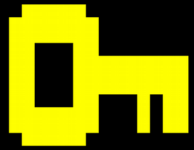
Simon Peyton Jones: "How to give a great research talk"



Presenting



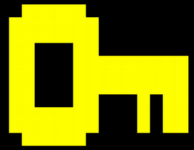
Simon Peyton Jones: "How to give a great research talk"



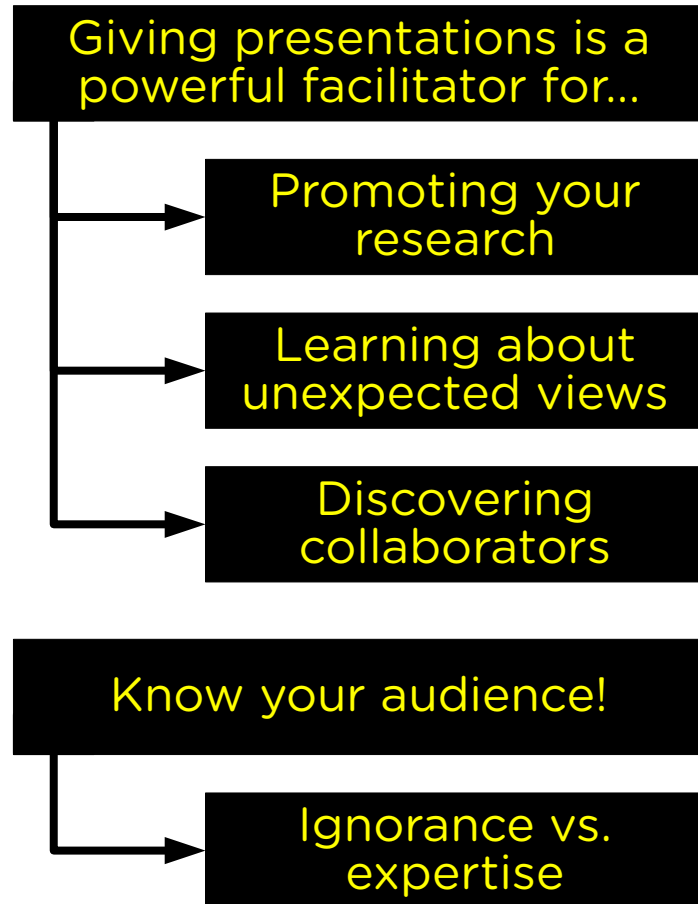
Presenting



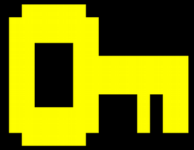
Simon Peyton Jones: "How to give a great research talk"



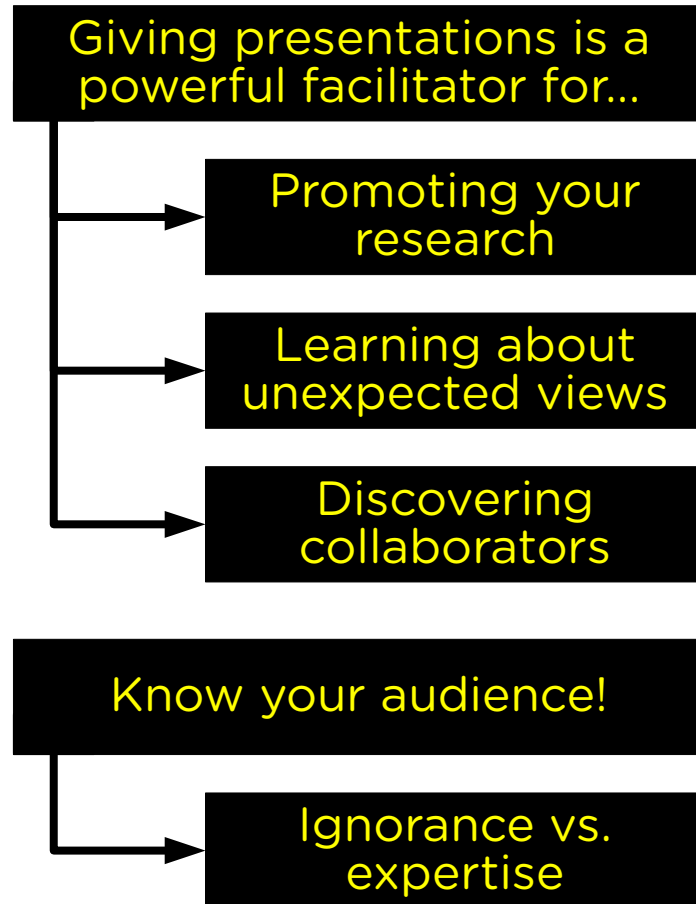
Presenting



Simon Peyton Jones: "How to give a great research talk"

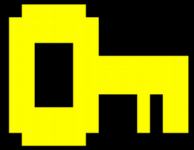


Presenting

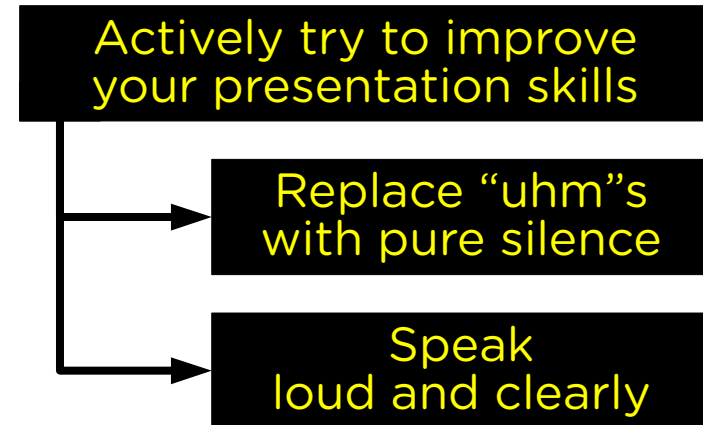
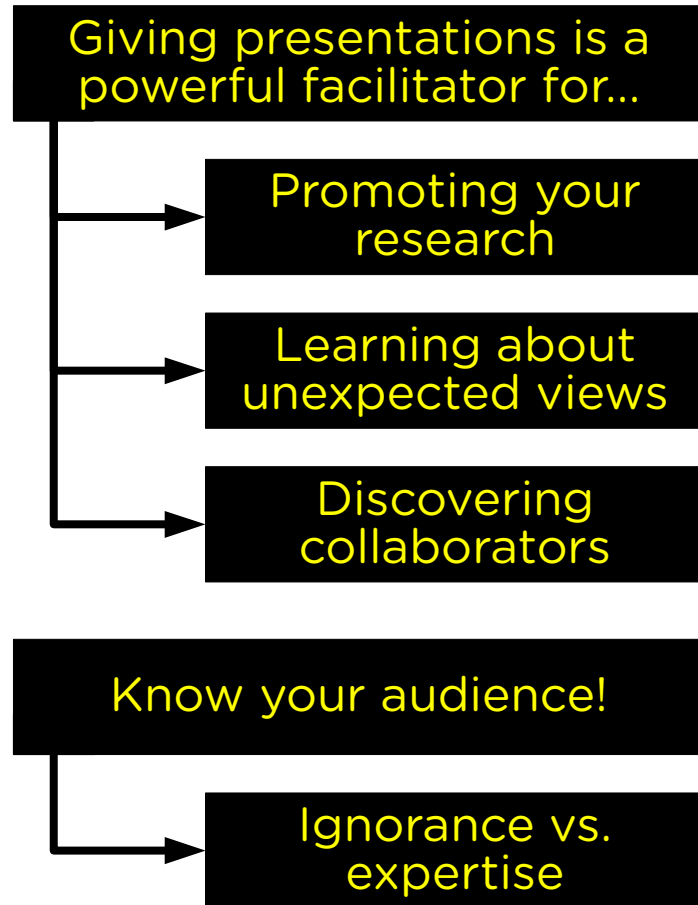


Actively try to improve your presentation skills

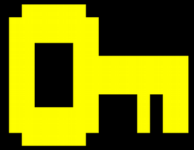
Simon Peyton Jones: "How to give a great research talk"



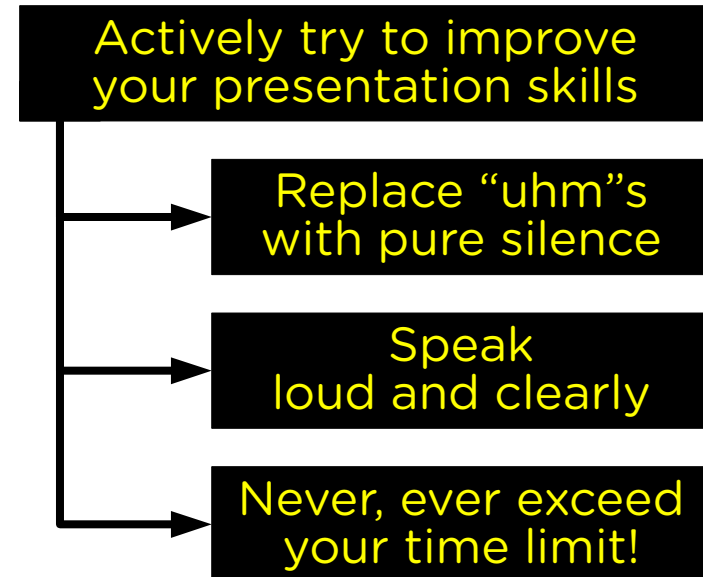
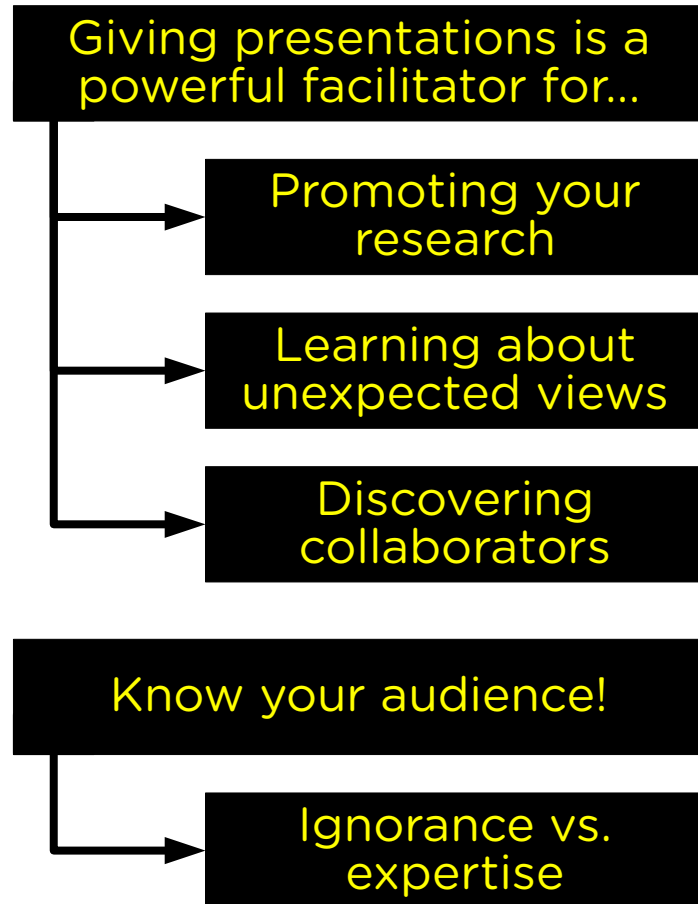
Presenting



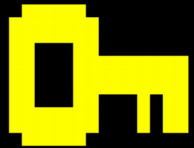
Simon Peyton Jones: "How to give a great research talk"



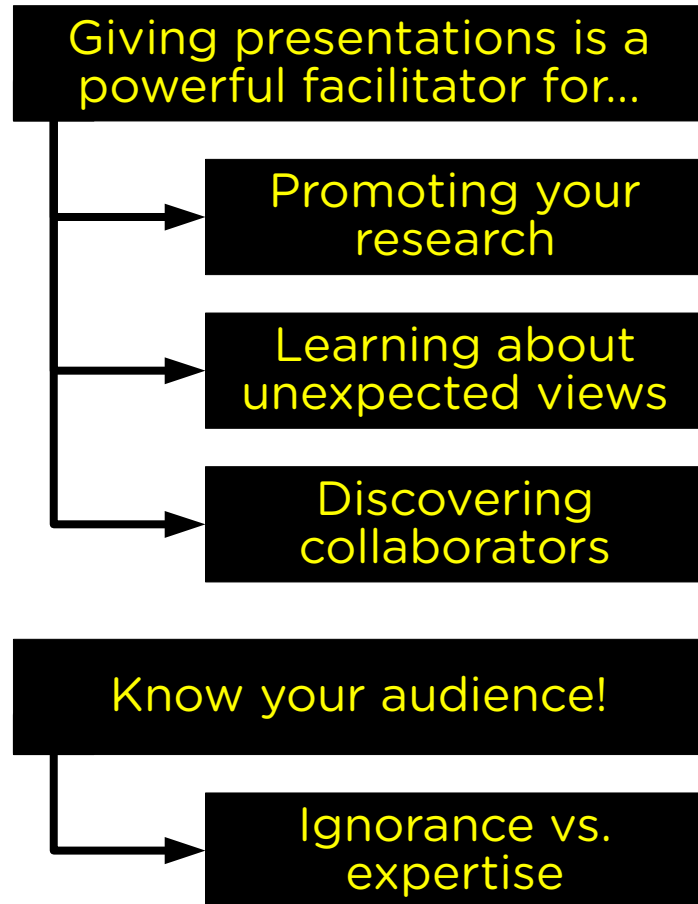
Presenting



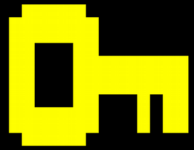
Simon Peyton Jones: "How to give a great research talk"



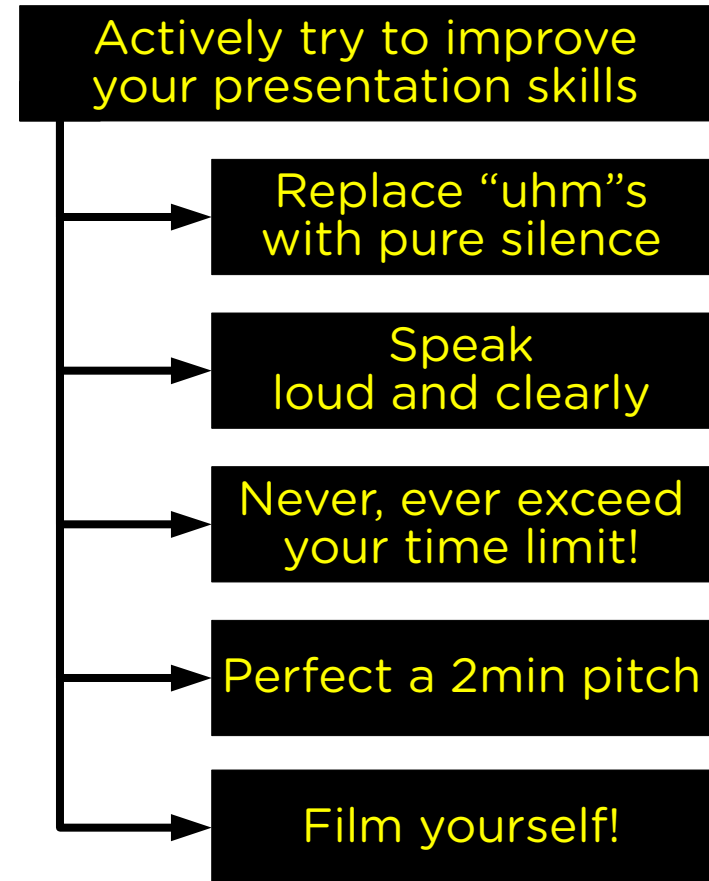
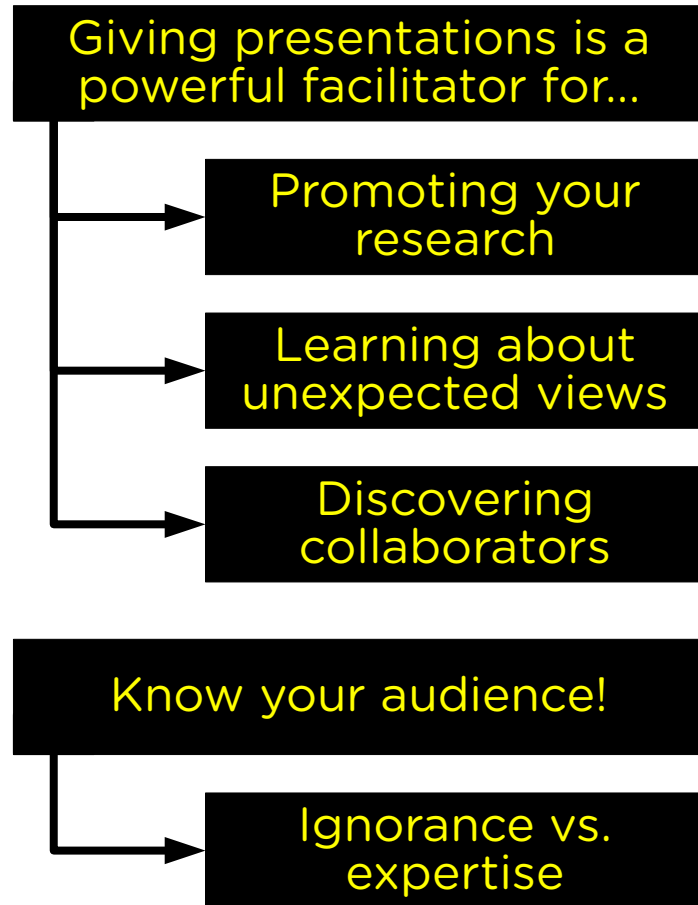
Presenting



Simon Peyton Jones: "How to give a great research talk"



Presenting



Simon Peyton Jones: "How to give a great research talk"



FINAL STAGE

THESIS



Thesis

Multi-revision code analysis

ICSE NIER - 4	1 st
SANER TR - 12	1 st
EMSE - 50	1 st



Thesis

Multi-revision code analysis



Bug prediction



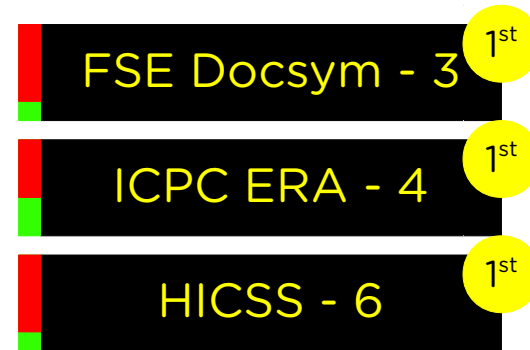


Thesis

Multi-revision code analysis



Neural Networks in SE



Bug prediction



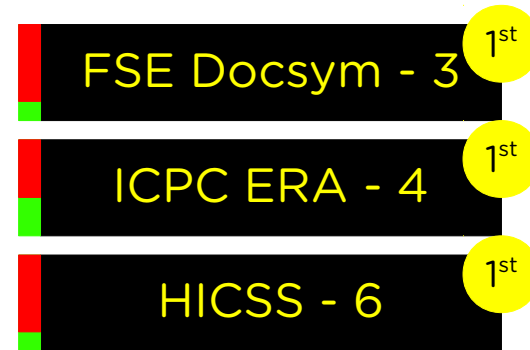


Thesis

Multi-revision code analysis



Neural Networks in SE



Bug prediction



App review summarization



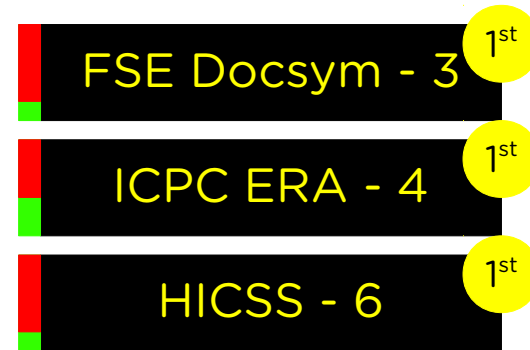


Thesis

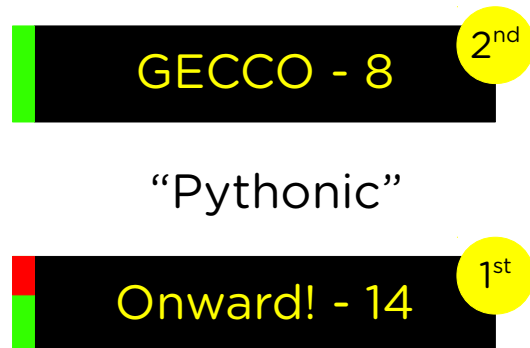
Multi-revision code analysis



Neural Networks in SE



Bug prediction



App review summarization



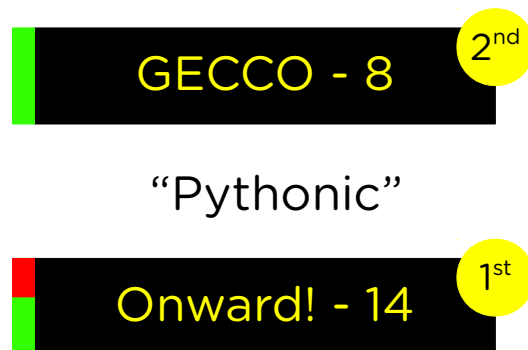


Thesis

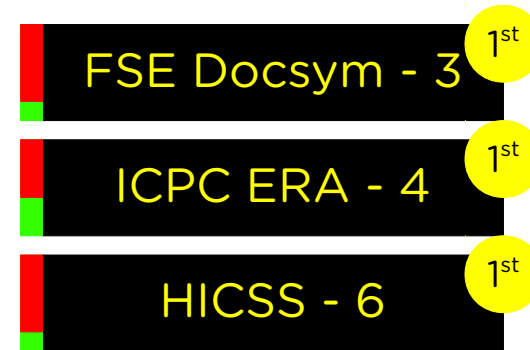
Multi-revision code analysis



Bug prediction



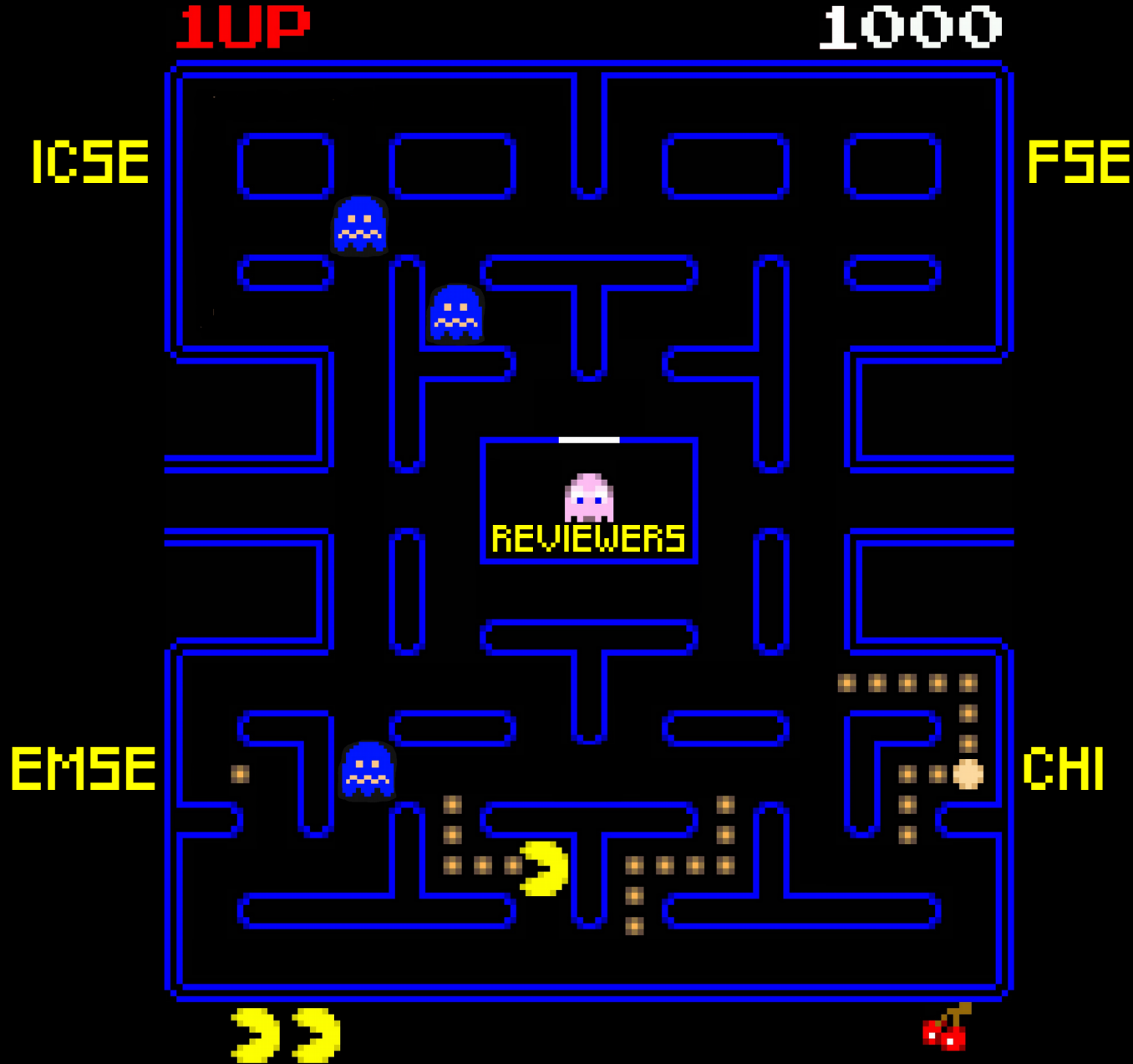
Neural Networks in SE



App review summarization



“Leveraging large-scale code repositories something something”



HAPPY PhD'ING!