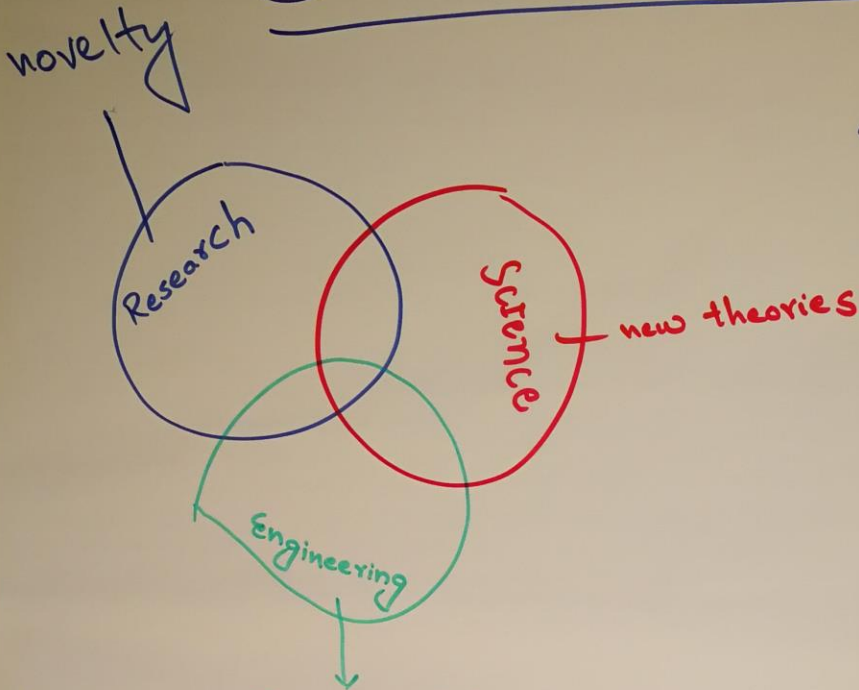


BASICS OF RESEARCH



- Things Researchers do:
- * Explore and doing research
 - * Come up with new ideas
 - * don't have to reinvent the wheel
 - * Validation new ideas
 - * Scientific writing and reviewing
 - * Teaching / sharing your knowledge
 - * administration stuff

how to become researcher:

- * Finding your own space
- * Value addition
- * complete your degree
- * finding results / impact in the real world

PROS

CONS

freedom
learning
passion

money
instability

Tools

Communication

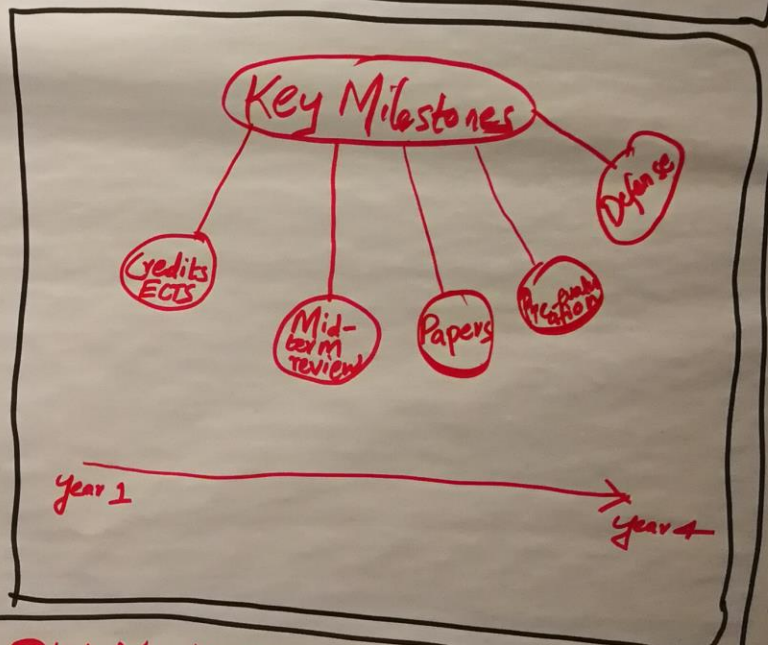
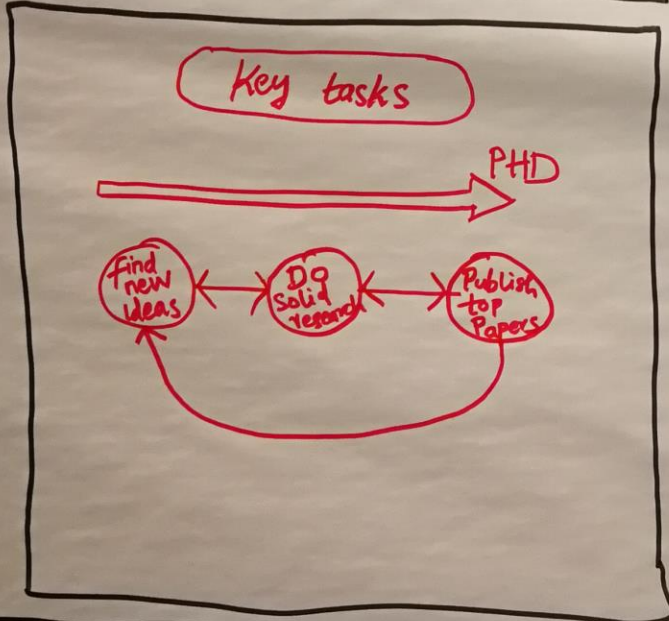
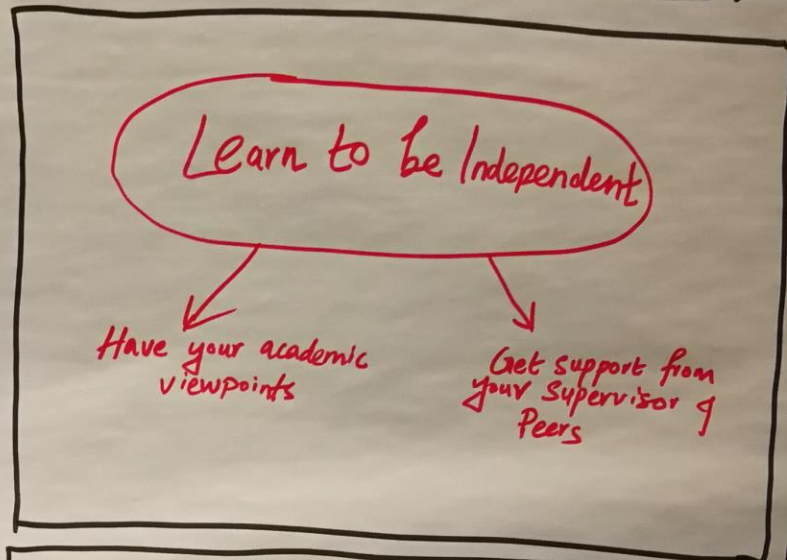
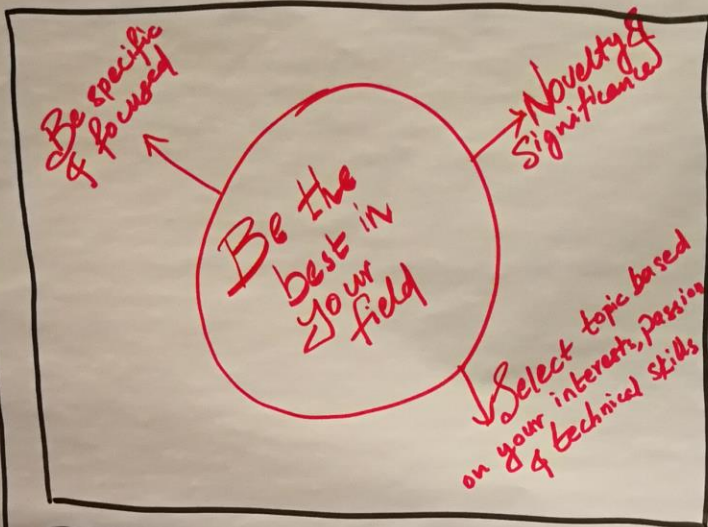
Passion

Responsibility & diligence

GROUP 2

GOALS OF PHD RESEARCH

- Siddharth Jayaprakash, Valleri Kaine, Nurul Anwar



WORK HARD, PLAY HARD

Soko
ROMAN
Ghalib
Daniella

IDEAS & PLAN

GO FOR RELEVANT TOPICS, COURSE & PAPERS

HOW?

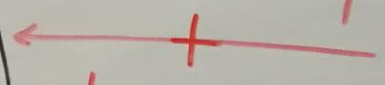


JOURNALS
ASK Prof.
COURSES
NETWORKING
etc.

IF

READ LESS
THINK MORE
BE-CREATIVE
& CRITICAL

READING



NOVELTY, FLAW } FOCUS

PLAN

ORGANIZING
THOUGHT

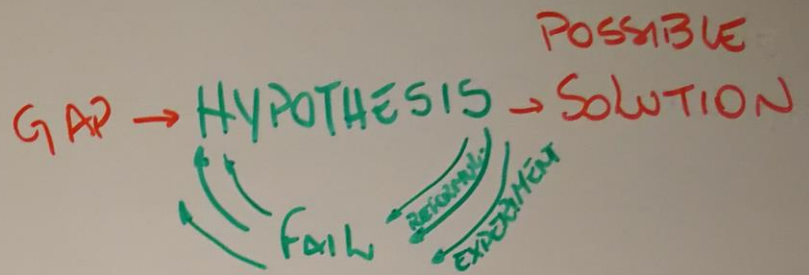
LINK
RESEARCH

TOPIC

SOLVE PROBLEM
SYSTEMATICALLY
VALIDATE

CONDUCTING SOLID RESEARCH

GROUP 4



GRAY'S CRITERIA:

SIMPLE BENEFICIAL SOLUTIONS TO OPEN ENDED QUESTIONS THAT CAN BE TESTED AND REPEATED

? WHERE YOU WANT YOUR EXPERTISE?

THEORETICAL EMPIRICAL ~~ENTERPRENEURIAL~~

- EVEN FAILED RESEARCH RESULTS SHOULD BE SHARED. USUALLY ONLY SUCCESSFUL RESULTS ARE PUBLISHED.

IS EASIER TO PROCEED HAVING SMALL STEPS, PARTIAL GOALS.

JUST BUILDING A SYSTEM IS NOT RESEARCH, BUT ANALYSING IT CAN BE.

WRITING & PUBLISHING PAPERS

GROUP 5

Distribution of Publications	~ 5%	top notch
	5-25%	very good
	25-50%	good
	~ 50%	so-so

"PUBLISH OR PERISH"

still, quality over quantity

[H-INDEX]

Publishing in
* Conferences
* Journals

understanding
the review
process

Good paper
consists of
well-thought

- flow, consistency
- argumentation
- clear output

- grammar

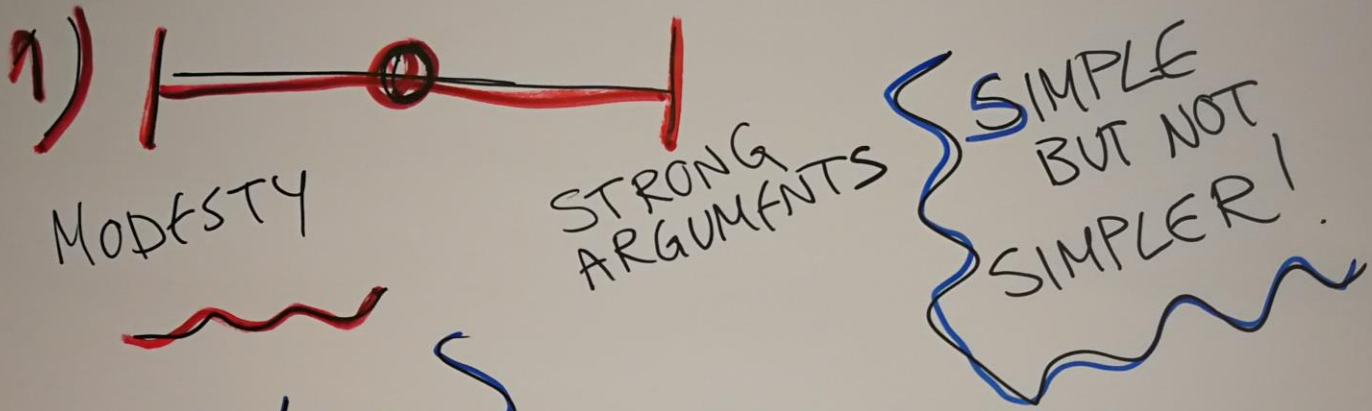
- co-operation with your prof! 🎉

→ support especially on early papers

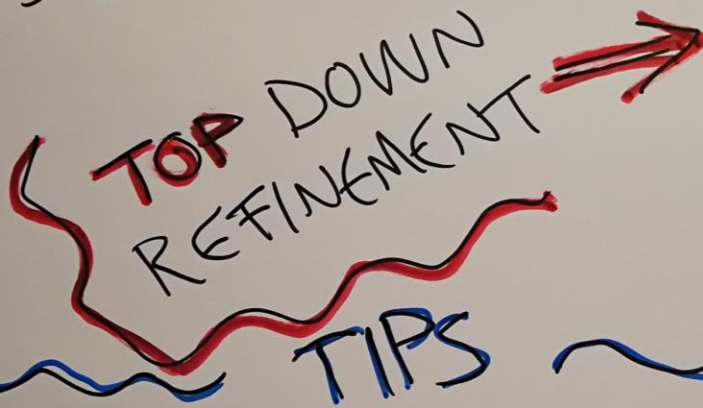
appreciation of the existing
body of knowledge:)

TIPS FOR PAPER WRITING

GG



2) 10/30



SIGNAL WORDS

SAME TERMS

JUSTIFY DECISIONS

VISUAL MATERIAL

REPEAT KEY POINTS

CONNECTIONS