CS888: Introduction to Profession and Communication Skills
-- Theoretical CS

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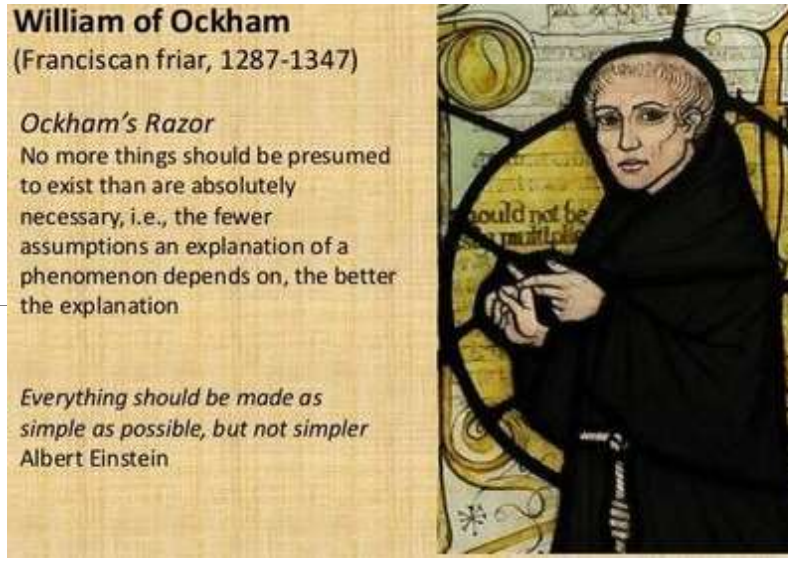
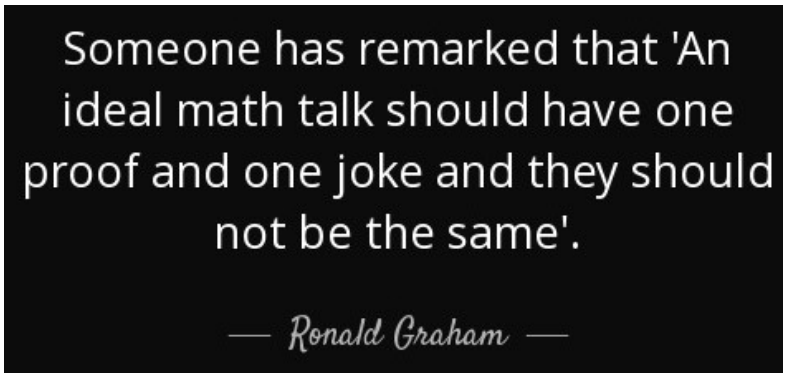
[*WITH HELP FROM INTERNET SOURCES]

2024; AUG 21, 23, 28, 30; SEP 4, 6

Present to non-experts

- Presentation ≠ Reading a paper !
- Pick the simplest, most impactful, result to highlight.
  - not the most general
  - not the most complicated
  - use minimal notation
- Focus on ideas, rather than equations or data.
  - discuss very easy, but failed, ideas
- Tentative breakup of time (resp. #slides out of 20):
  - survey: *30% (6)*
  - new result statements/ motivation/ interpretation: *40% (8)*
  - proof ideas: *25% (5)*
  - open questions & conclusion: *5% (1)*





Incorporate talk feedback

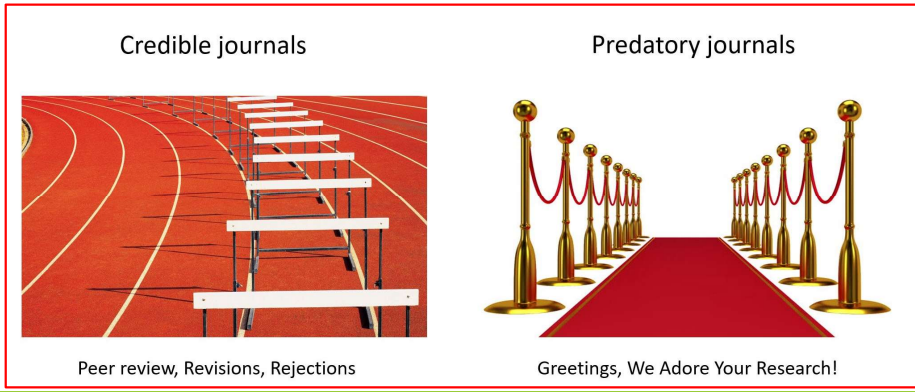
- Practice timing your talk.
  - Minutes: 5 (pitch), 15, 20, 30, 50, or 75 (keynote).
- Give a mock-talk to your colleagues.
  - ask someone to note the feedback down
- Gather from the audience's body-language: Did they
  - value the problem?
  - place the result in a larger context?
  - appreciate the idea?
- Make amends to generally weaken the criticism.
  - people's feedback may be contradictory; do your best edit!

How's your paper reviewed?

- Conference specifies a standard format.
  - non-compliance leads to quick rejection by reviewers
- Three reviewers read your submission independently
  - double-blind review
  - brief report is written
- Review report has
  - reviewer confidence score
  - paper evaluation score
  - importance of the problem, clarity of presentation
  - interesting proof ideas; paper strength and weakness
- Unless the scores are very high, the program committee (PC) votes on your paper quality!
  - area politics?!

What makes a venue prestigious?

- Quality of the members of Program Committee (PC).
- Quality of the earlier papers: are they
  - cited/used widely?
  - mentioned in popular talks?
  - inspiring books/surveys/products?
- Quality of the peer review process: Is
  - a Revision demanded?
  - the Acceptance rate realistic?
- Quality of the publishing company:
  - does it have conferences of high-quality?
  - is it *open-source*?
  - shouldn't be *predatory*!



Assignment 11

https://hello.iitk.ac.in/

deadline <12pm (end of class)