Topology Seminar

Let's Talk!

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1/15/2019
A Good Talk,

"I know it when I see it"
Where to start?

1) Finding the topic.
Where to start?
1) Finding the topic.

AUDIENCE
Where to start?

1) Finding the topic.

AUDIENCE

- level of education
- background
- field of expertise
- Conference/Seminar Colloquium

What are they interested in?
2) Type of talk:

Blackboard

1 + 1 = 2

Slides

1 + 1 = 2
2) Type of talk:

- Blackboard
  - Elegant
  - Quick to Prepare
  - No Technology
  - Easier to follow
  - Flexibility

- Slides

1 + 1 = 2
2) Type of talk:

- Blackboard
  - Elegant
  - Quick to Prepare
  - No Technology
  - Easier to follow
  - Flexibility

- Slides
  - Images/Videos
  - No handwriting
  - More content
  - Less memorizing
  - Navigate
2) Type of talk:

- Blackboard
- Slides
- Hybrid

1 + 1 = 2
1 + 1 = 2
1 + 1 = 2
2) Type of talk:

Blackboard

TIME

Hybrid

Slides
Make sure you finish on time

- choose appropriate style/amount of material
- account for questions (or silence!)
- practice (the more the better)
3) Set a [Goal]
3) Set a **Goal**

- Present a result (theorem, application, ...)

AND THE RESULT IS 42!

OMG! OHM! AMAZING!
3) Set a Goal

- Present a result
  (theorem, application, ...)

- Motivate a theory
  (collaborations, networking, ...)

AND THE RESULT IS 42!

OMG! OHN! AMAZING!

I STUDY TRAINS
CAUSE I LOVE THEM.

YEAY, OK

LOVE THEM TOO

WHY NOT
3) Set a Goal

- Present a result
  (theorem, application, ...)

- Motivate a theory
  (collaborations, networking, ...)

- Teach something
  (lecture series, more details, ...)

AND THE RESULT IS 42! OH NO!

OMG! AMAZING!
Time to prepare the talk!

(i) structure

Goal
Time to prepare the talk!

(i) structure

(ii) define only what necessary
Time to prepare the talk!

(i) structure

(ii) define only what necessary

(iii) try not to be technical (simpler is better)
Time to prepare the talk!

(i) structure

(ii) define only what necessary

(iii) try not to be technical (simpler is better)

(iv) EXAMPLES (motivation, explanation, clarification, intuition)
Time to prepare the talk!

(i) structure ➔ goal

(ii) define only what necessary

(iii) try not to be technical (simpler is better)

(iv) examples (motivation, explanation, clarification, intuition)

(v) make sure you know what you know and what you don’t (expect questions)
Time to prepare the talk!

(vi) plan carefully what you are going to

SAY vs WRITE
Time to prepare the talk!

(vi) plan carefully what you are going to say vs write

- more informations
- informal
- attract attention

- important stuff
- mathematically correct
- time (practice)
### SAY vs WRITE

<table>
<thead>
<tr>
<th>SAY</th>
<th>WRITE</th>
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<tbody>
<tr>
<td>- talk to the audience</td>
<td>- Use of images</td>
</tr>
<tr>
<td>- be engaging/entertaining/enthusiastic</td>
<td>- Color Coding</td>
</tr>
<tr>
<td>- tone of voice/body language</td>
<td>- Pause button</td>
</tr>
<tr>
<td></td>
<td>- aware of space and style</td>
</tr>
</tbody>
</table>
Final Comments

- Make sure you have all tools you need (colors, technology, clicker, notes, ...)

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- Thank the organisers / sponsor
Final Comments

- Make sure you have all tools you need (colors, technology, clicker, notes, ...)
- Thank the organizers / sponsor
- Give credit where due
Final Comments

- Make sure you have all tools you need (colors, technology, clicker, notes, ...)
- Thank the organisers / sponsor
- Give credit where due
- End nicely! Thank you very much for your attention!