


GIVING A TECHNICAL PRESENTATION

- What is the purpose?
- How best to present?
- What are key ideas?
- How do they relate to each other?
- Basic guidelines

WHAT IS THE PURPOSE?

- Usually, it not just a placeholder, e.g.
 - Demonstrate your understanding of material
 - Explain it to others
 - Propose some idea/project/vantage

 **Convince your listeners and bring them to understand**

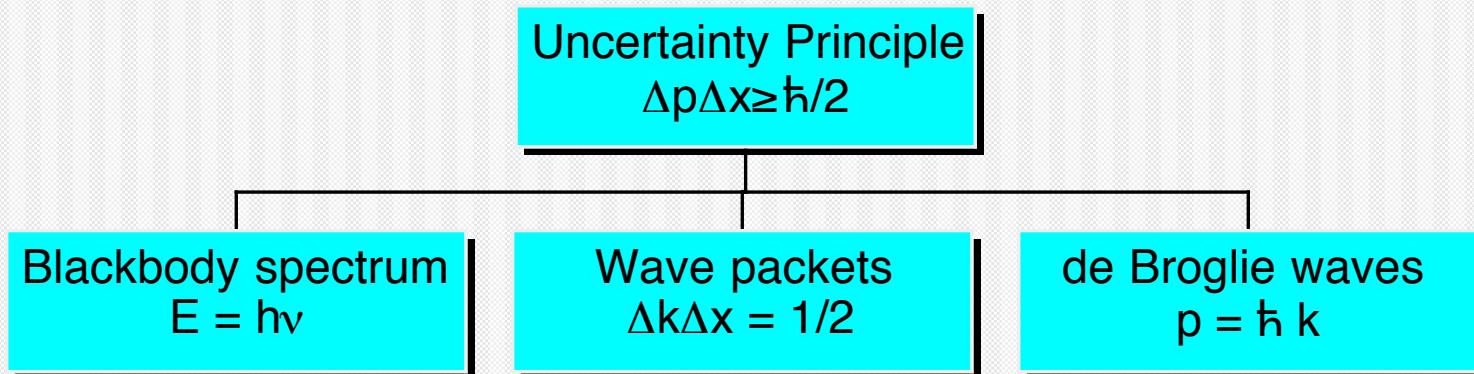
- Always keep this in mind: design your discussion so this is always integral to what you write

HOW BEST TO PRESENT?

- What is the role of different techniques
 - Visual aides (transitions, animations...)
 - Plots are key:
 - what do they mean? Describe them
 - Make concepts graphical
 - Textual discussion important: don't do paragraphs
 - If mathematical expressions: How do you get information about them across?
- Consider the arrangement of the information

WHAT ARE THE KEY IDEAS?

- Break the topic(s) down
- How do ideas relate to one another?
 - The order and arrangement of material is critical
 - Example: how discuss Uncertainty principle?



- You need to define concepts, parameter ahead of time
 - What are these items for a given topic?

SOME GUIDELINES FOR GOOD PRESENTATIONS

- Well-defined slides: adhere to previous questions
- Not too much on a slide
 - We can only absorb ~6 items per slide
 - Not an exact science: use your judgement
- Proper dwell time per slide
 - Usually 1-2 minutes per slide about right
 - Never less: then you're just flipping
 - Can be longer if need to extemporize a bit
- Clear title, outline of points

