Round table about practical aspects of research

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What are the typical steps when setting up a proposal?

- How long to start in advance of the deadline?
- Science goals? Is it better to ask broad questions or smaller questions that can be answered by the foreseen experiment?
- Feasibility?
- Choice of instrument? Choice of supercomputers?
- Compromise?

When should you start dreaming big?

- Where do ideas come from?
- Is it important (intellectually / professionally) to work in diverse places?
- Which fraction of your time should you spend thinking outside of your current 'business'?
- Is a network needed? How to develop a network?
- How to navigate a large collaboration?
- What are the most important skills to be a good researcher ? And to be a famous researcher?
- How do we deal with imposter syndrome?

How AI is changing / will change research?

- How should we use AI to write proposals / papers / public outreach ? What are the risks?
- Are we well trained to use AI?
- What's the business model? Who will pay? Are we the user or the product?

What forms does responsible research take?

- What do you think responsible research means ? Is it important ? E.g. Our role in formal/public education ? Environmental considerations ? Countering misinformation ?
- Do we have too much data ? Is the rate of scientific progress keeping up with the rate of volume of data acquisition ?
- Is science becoming a business / too productivist ?