

Your own radio astronomy project

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ASTRON

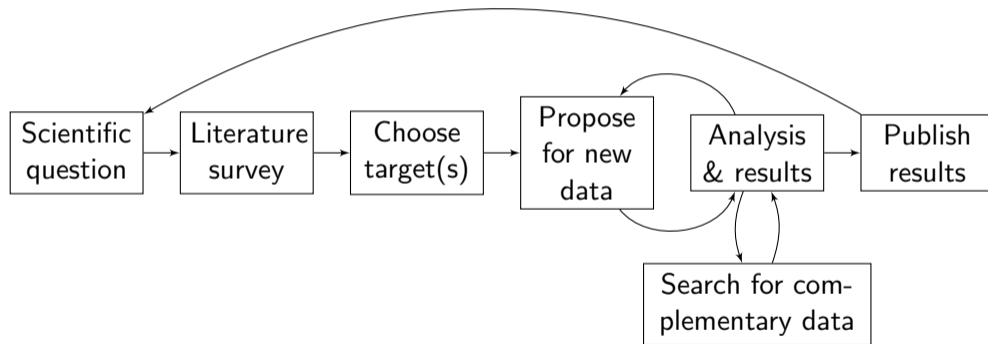
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Session objective

- ① Develop your own radio astronomy project
- ② Learn to write an observing proposal for your project
- ③ Convince us why your project should be observed.

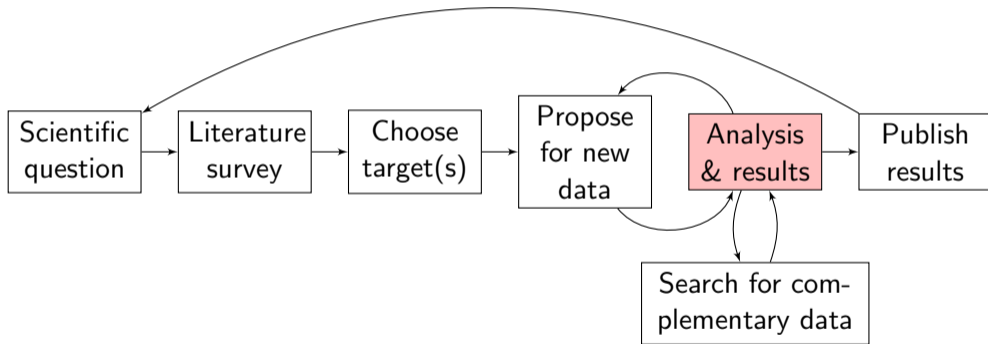
Life-cycle of a project

- Progress of a typical scientific project



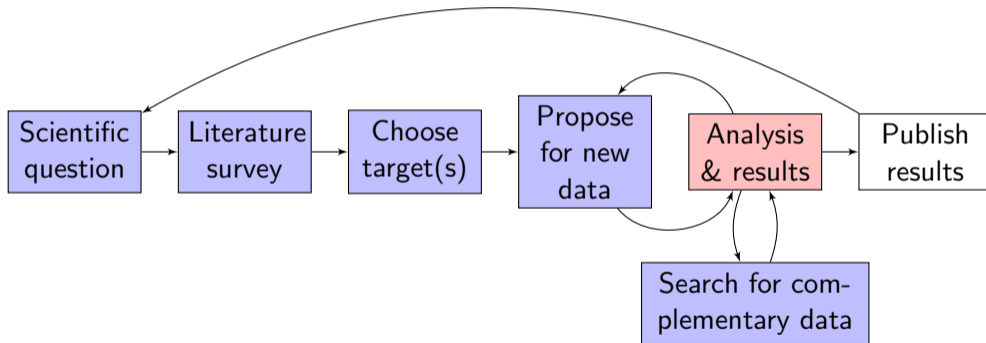
Life-cycle of a project

- Most of this workshop, we saw how to calibrate and image radio data.



Life-cycle of a project

- In this session, you will do the activities that come before data analysis.



Your proposal

- Form groups of 3
- Choose a science question.
- You want new data to answer this question
- To get new data, astronomers submit proposals.
- To make our lives easy, we want you to make presentations.

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- Use these questions to guide your work:
 - ▶ Which telescope to use?
 - ▶ Why is this telescope/array better than others?
 - ▶ Which object to observe and why?
 - ▶ Are there other data (radio or otherwise) that can be used?
 - ▶ What do you expect to find in the end?

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Good luck!