

Title

Name and Affiliation

Acknowledgements (can also be at the end)

List of Collaborators

UBC: J. Brewer and T. Keeler

U. of Alberta: K.H. Chow

Research Supported by

e.g. NSERC, BC Cancer , CFI CIAR etc

Outline

- Background and Scientific Motivation
- Theory and/or Basic principles
- Detailed Description of Experiment or Calculation and Methodology
- Resources necessary
- Summary

Use font between 20 and 24.

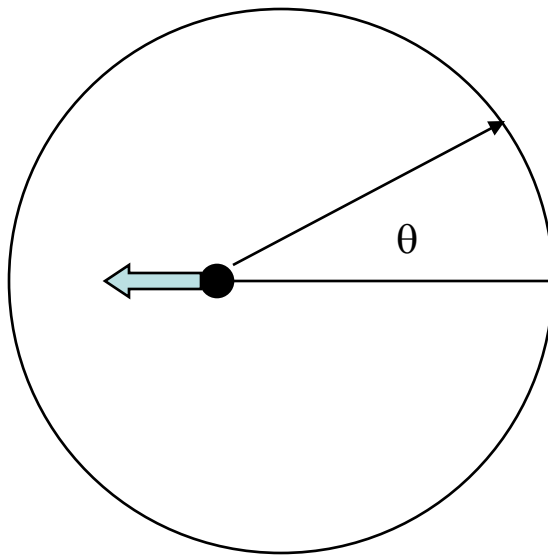
Background and Scientific Motivation

- give an overview of the area of physics of your project.
- describe your project and how it fits into the bigger picture.
- what is the scientific impact if you are successful

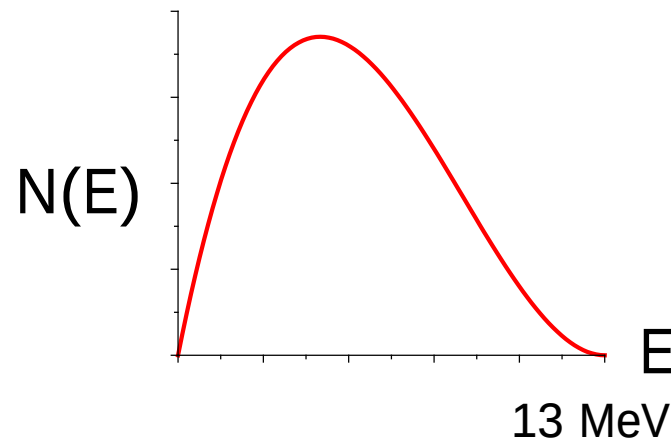
Basic Theory and/or Principles

- explain any basic theory or principle needed for the experiment and/or calculation. Know the level of your audience. It is better to under estimate that level. Avoid jargon that only experts in your field would know. In this case the talk should be at a level that your fellow students can understand. This has been a common problem in the past.
- e.g. MRI, PET, band theory of semiconductors general relativity, standard model, cancer therapy, etc

Use pictures and avoid lengthy equations as much as possible

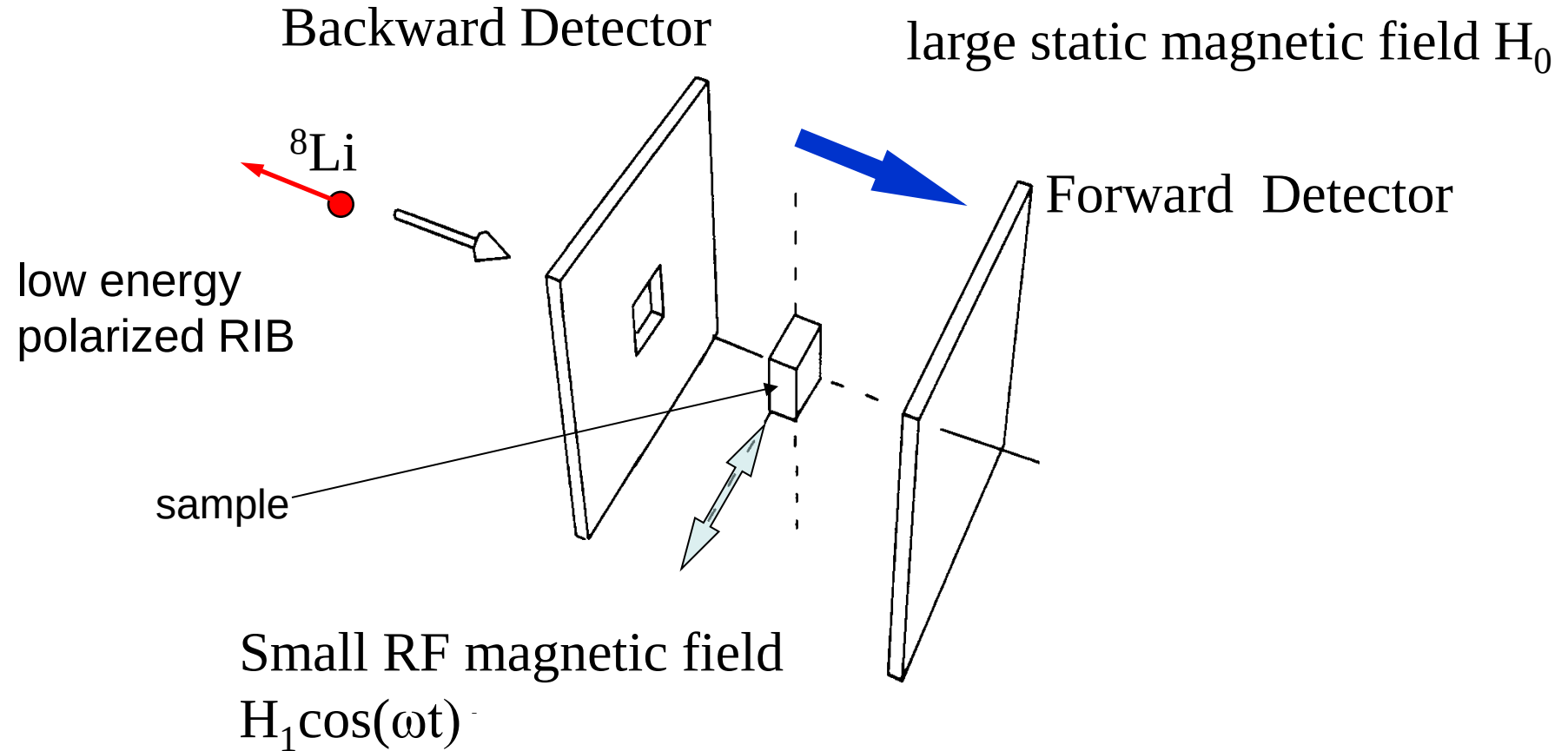


Spin=2, $Q=33$ mb
 $\gamma = 6.3$ MHz/T
 $\langle A \rangle = -1/3$ $\tau = 1.2$ s

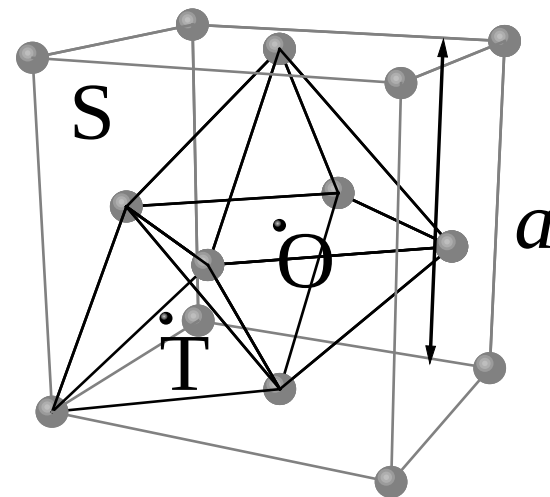
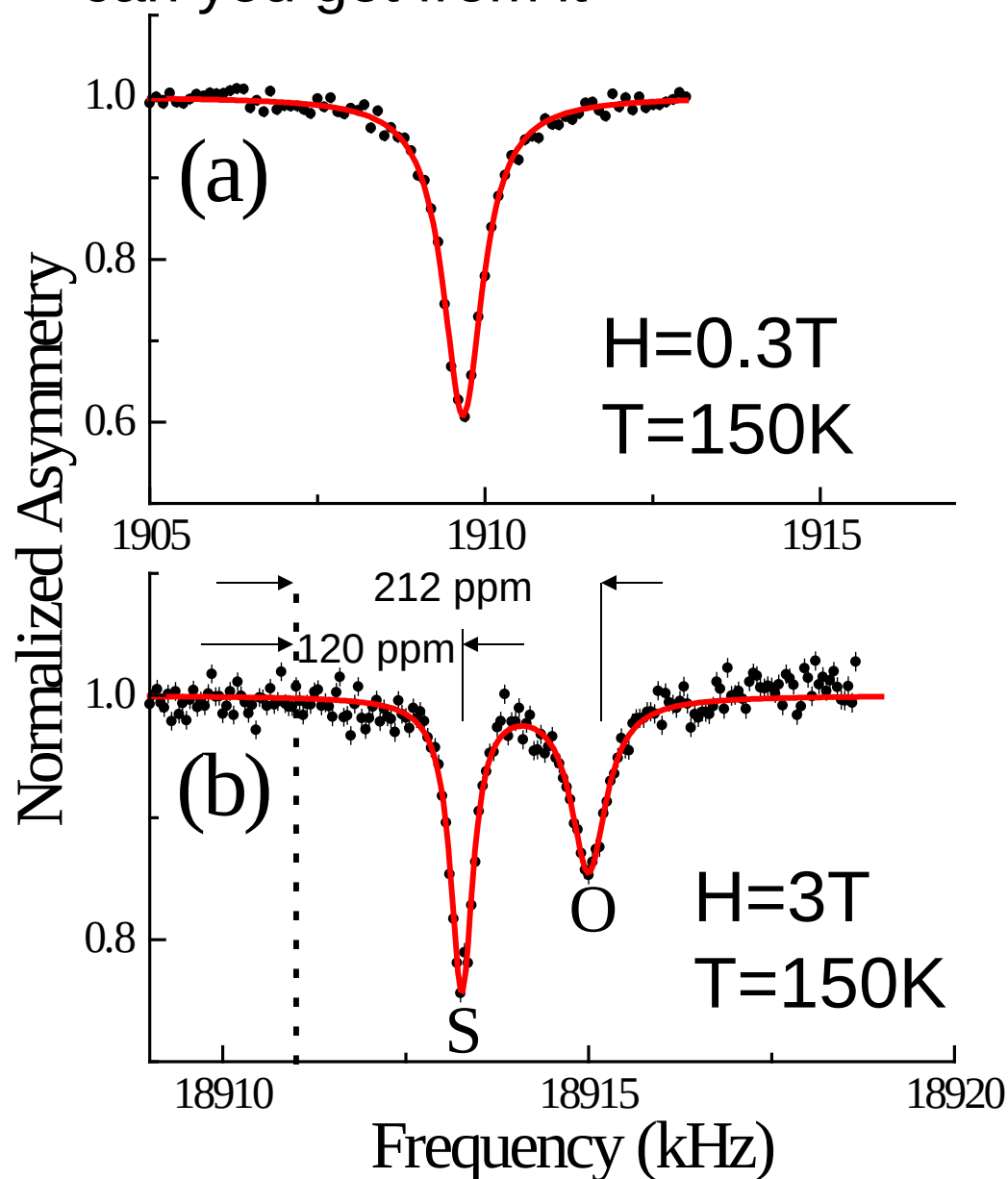


Figures should dominate the slide at the expense of text.
Make notes but never read them.

Schematic of a beta-NMR experiment



What does the data look like and what information can you get from it



Details of the Experiment/Calculation

- detailed description of apparatus, polarized beam, specifications for magnet and cryostat.
- sample preparation and characterization
- block diagram of the electronics
- flow chart for a computer code

Summary of Resources Needed

1. Purchases of equipment and supplied along with estimated delivery dates
2. Use of facilities e.g 5 days on AMPEL SQUID magnetometer. or 3 days on UBC small animal PET scanner.
3. Computational needs; e.g. 100 hours of CPU on a high performance computer.

Summary

Give a short summary of what you are proposing to do and the scientific impact. This should be your last slide. Let the chair direct the question period. *Don't* put up a slide saying “questions”!