

Star formation histories -

Data

- What data do we require? Will photometric data suffice, or do we require high/intermediate dispersion, wide spectral coverage spectra?
- What is the best wavelength range?

Ingredients

- Are the basic ingredients of the spectral synthesis models (stellar evolution, templates) likely to show a marked improvement in the near future? (Or are they already good enough?)
- Which extinction law? Which extinction model?

Precision

- Given the uncertainties (data, templates, techniques) what level of precision is reasonable/achievable in reconstructing the SF histories?