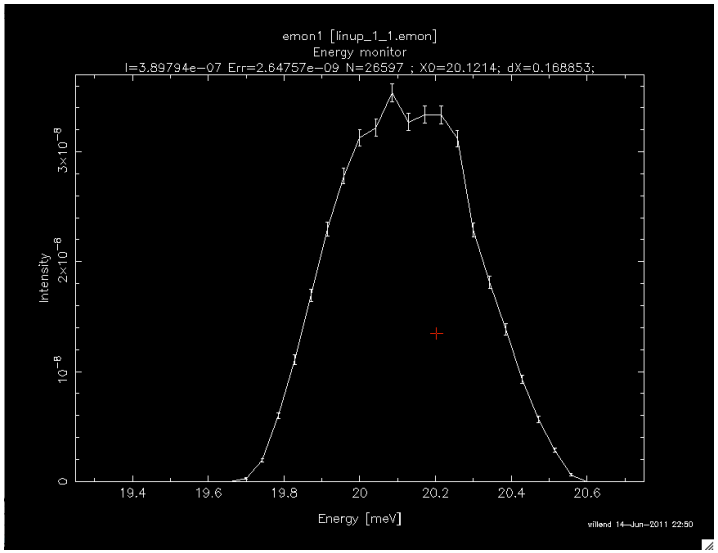
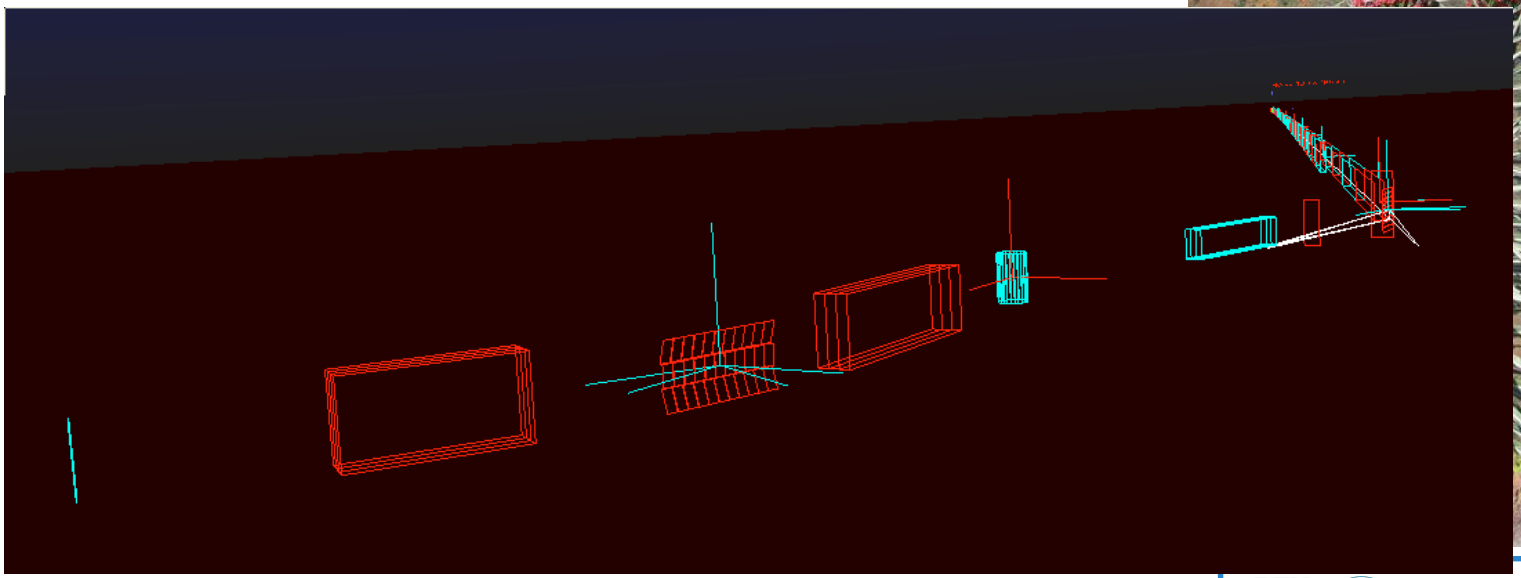
McStas Example Instruments

5 TAS (linup-? are all Risø TAS 1):

- ILL_H142_IN12.instr
- ILL_H25_IN22.instr
- h8_test.instr
- templateTAS.instr
- linup-1.instr
- linup-2.instr
- linup-3.instr
- linup-4.instr
- linup-5.instr
- linup-6.instr
- linup-7.instr

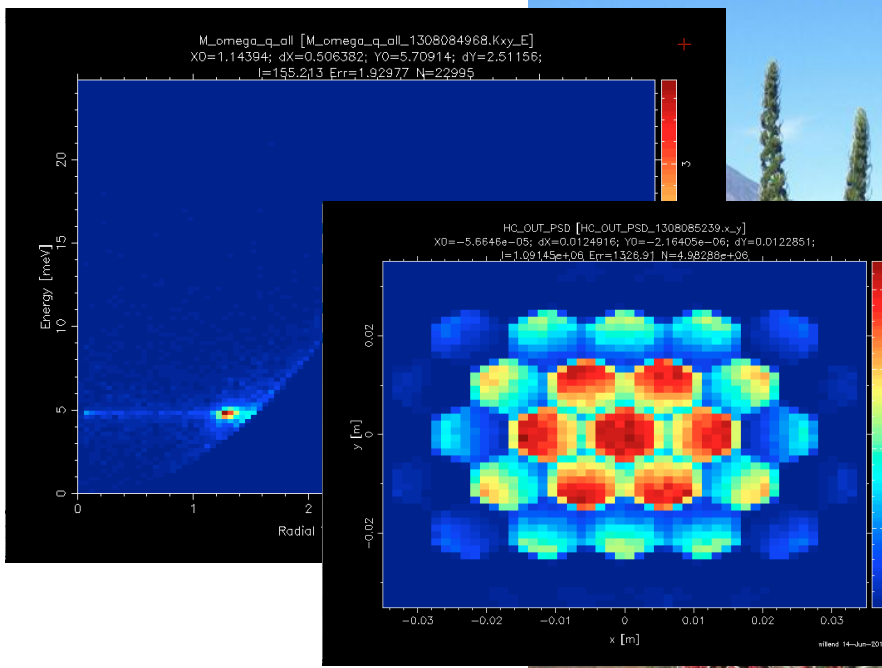


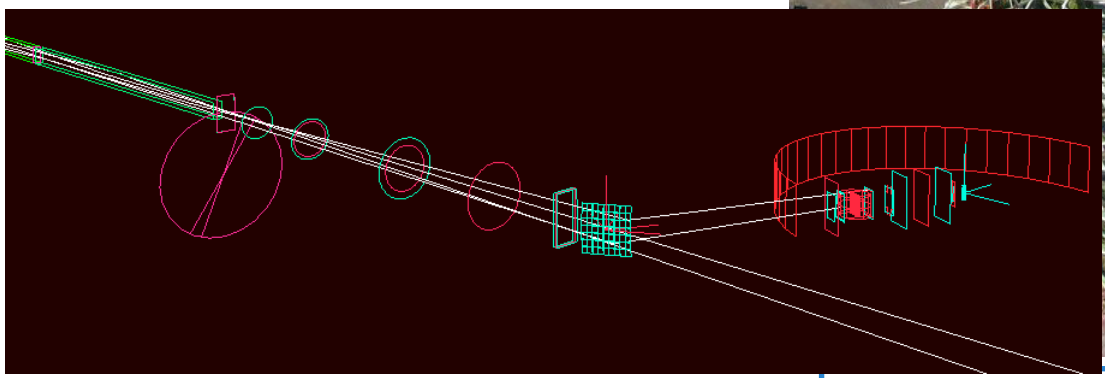


DTU ess EUROPEAN SPALLATION SOURCE

7 TOF spectrometers:

- ESS_IN5_reprate.instr
- ILL_BRISP.instr (Small-angle)
- ILL_H15_IN6.instr
- ILL_H16_IN5.instr
- ISIS_HET.instr
- PSI_Focus.instr
- templateTOF.instr





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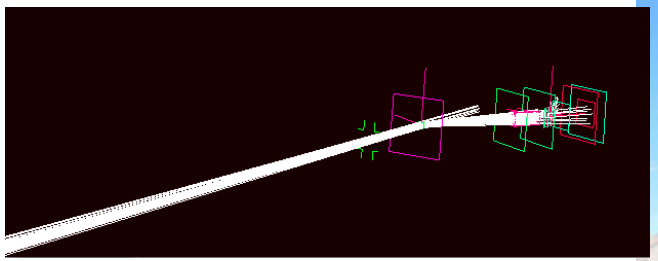
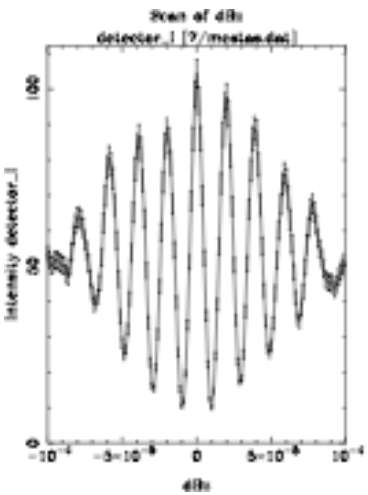
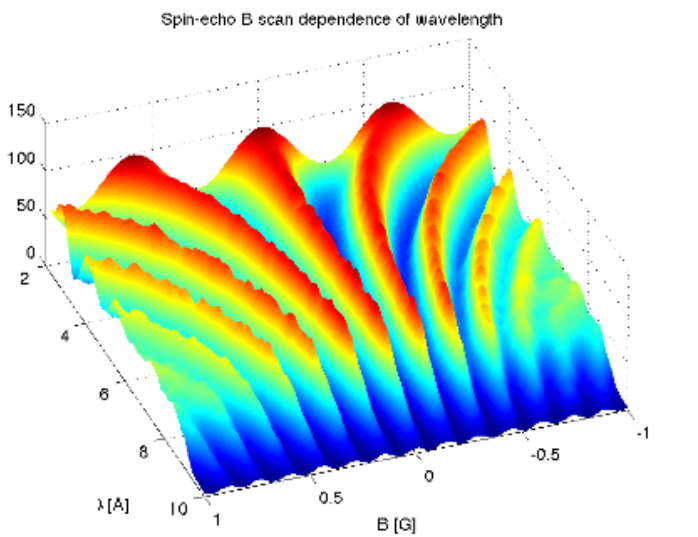
1 Hybrid spectrometer + 1 Spin-echo



- 1 Hybrid spectrometer:
- prisma2.instr

- 1 Spin-echo (two different implementations, same instr):
- SE_example.instr
- SE_example2.instr

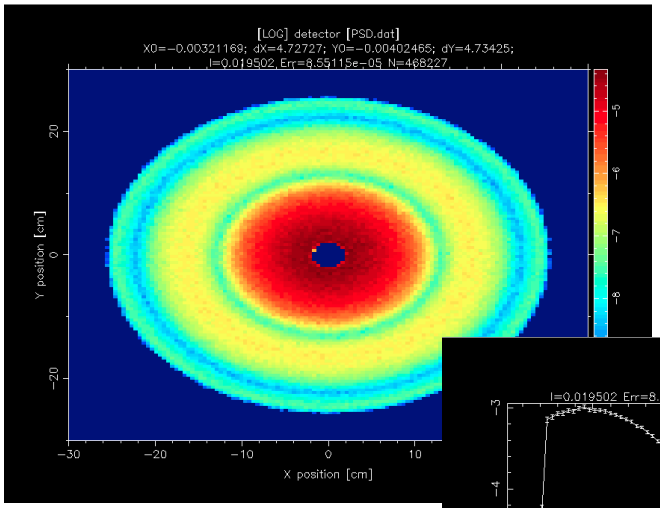


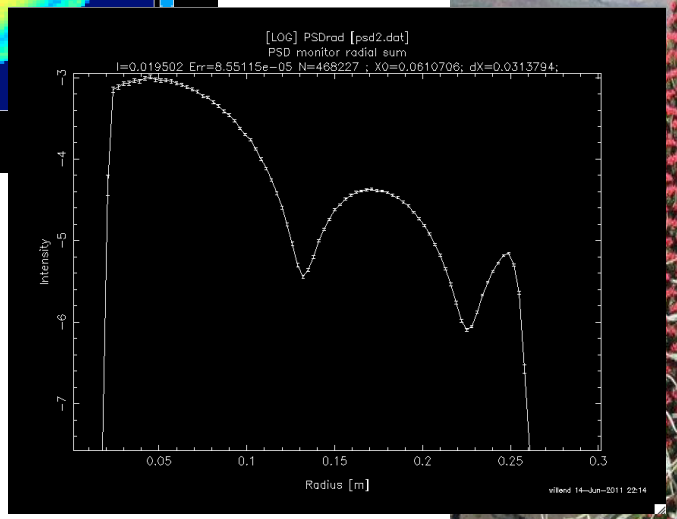


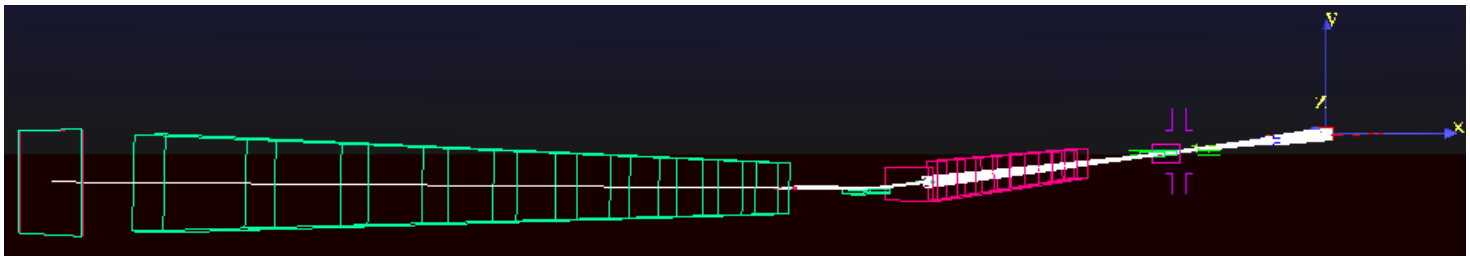
Large scale structures

2 SANS:

- FZJ_KWS2_Lens.instr
- FZJ_SANS_KWS2_AnySample.instr
- FZJ_SANS_KWS2_DebyeS.instr
- FZJ_SANS_KWS2_Guinier.instr
- FZJ_SANS_KWS2_NoSample.instr
- SANS.instr
- 1 Reflectometer:
- ISIS_CRISP.instr (Not an accurate model)

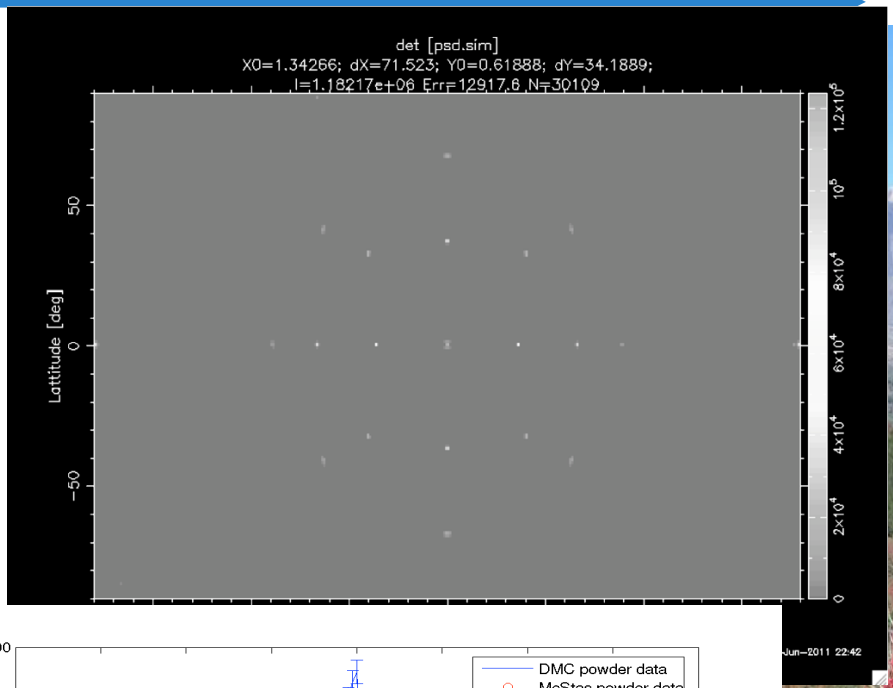


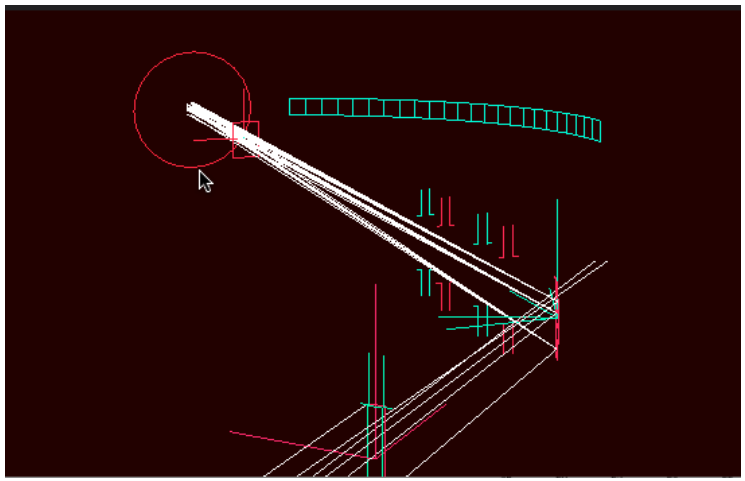


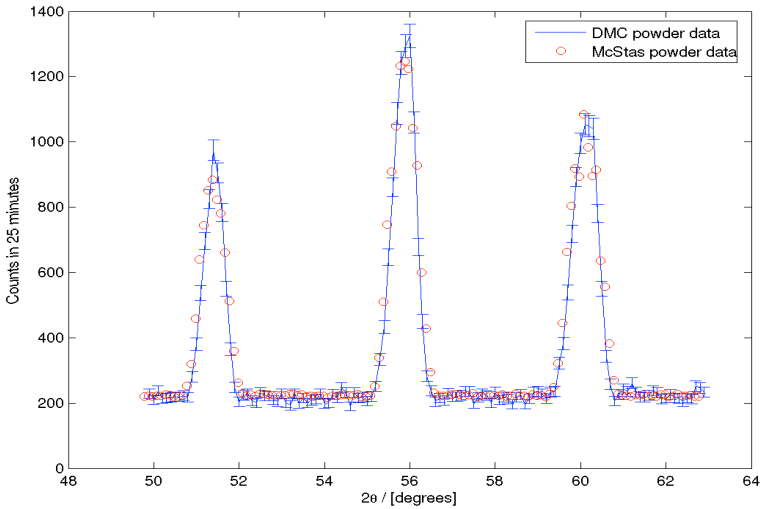


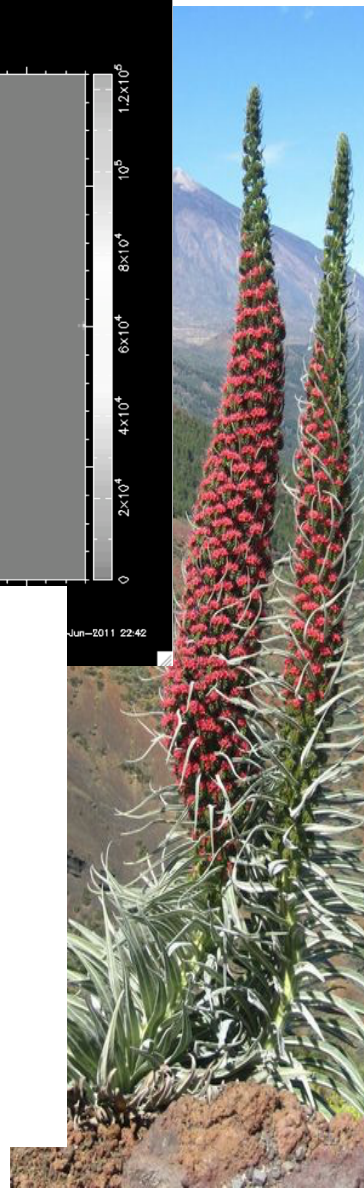
Diffractometers

- ILL_D1A.instr
- PSI_DMC.instr
- templateDIFF.instr
- templateLaue.instr





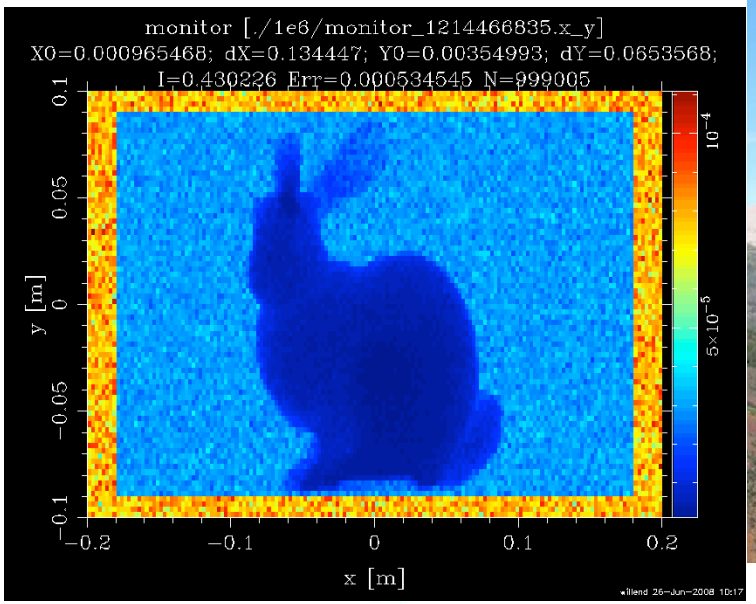


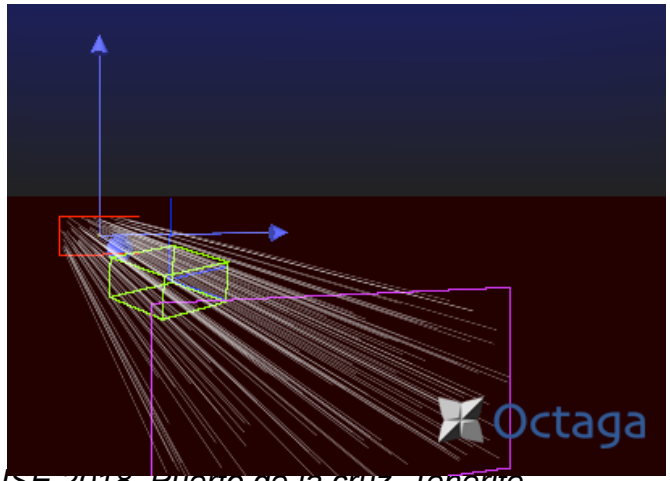


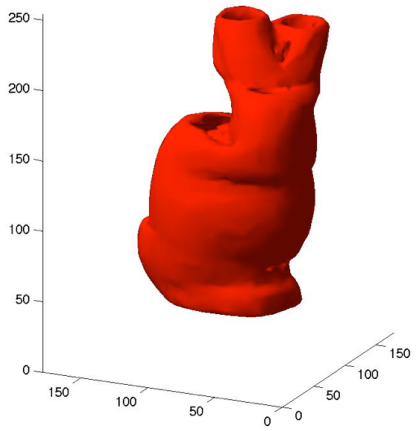
DTU ess EUROPEAN SPALLATION SOURCE

Imaging

- Tomography.instr
- - comes with simple
- filtered backprojection
- reconstruction (Matlab)







Histogrammer.instr

- Histogrammer.instr
- - takes any kind of supported ‘event input file’, e.g. from Vitess. String parameter used as Monitor_nD options, can make all types of histograms from the event file.
- (I.e. conversion tool for plotting of data)