

Participants:

SINE 2020

Participants:

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<i>Phillip King</i>		Y <i>Phillip King</i>

Photo:



WP3 Minutes: Meeting was Monday 27/5 at 14h-17:30h

1. Linda Udby presented an overview of the project tasks and deliverables as well as results achieved so far. We discussed specifically the progression of tasks throughout the last year and remaining work related to these

In relation to e-learning there is good progression on all KPIs and all remaining deliverables, except D 3.9 which is to test virtual instruments with students. Since we need to test the virtual experiments in blended learning settings it requires suitable courses as test environment which poses restrictions on timing of the deliverable 3.9. Due to delayed deliverables 3.4+3.7 much material will only be finished at the end of the project which means that we foresee that we may not be able to test all material before the end of the project. We still intend to test some of the virtual experiments with students in the Nordic Neutron Scattering phd school in september 2019.

2. Peter Willendrup presented recent progress of the development of the e-neutrons platform, and development of the virtual neutron facility. Viktor was supposed to present the work on virtual exercises at the virtual neutron facilities but had to cancel participation in the meeting, hence Peter and Linda jointly presented the work. There is progress on all instruments, LOKI and ODIN draft instruments are complete and virtual experiment exercise nearly finished. The HEIMDAL virtual experiment is outlined step-by step but some adjustments and test of the virtual instrument remains as well as final formulation and implementation of virtual experiment exercise. The BIFROST virtual instrument is more complicated and requires formulation of new component, including sample components, but is in progress. Formulation of virtual experiment exercises awaits results from development of virtual instrument.

3. Jakob Garde demonstrated status of the iFitlab graphical fitting tool with data from the LOKI science case. A series of simulated SANS datasets from the LOKI science case were treated by background-subtraction and fitting in the Guinier approximation. Parameters were extracted from the Guinier fit series and further analysed. Example illustration visible in Figure 1 below.

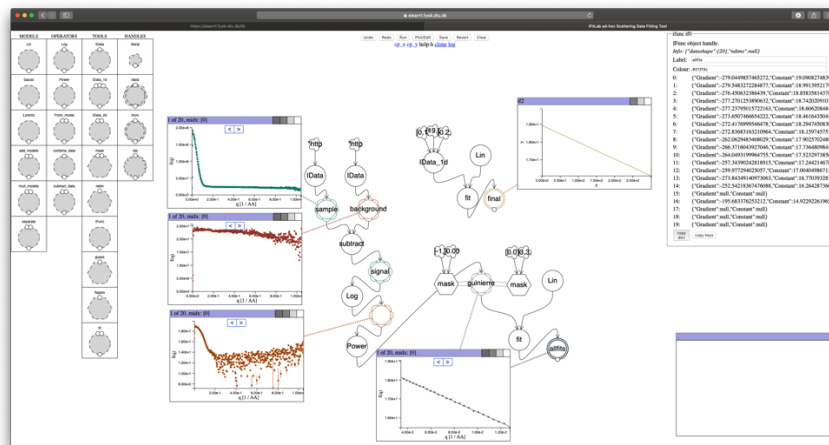


Figure 1: Illustration of vectorised iFitlab fitting session with simulated LOKI datasets



34. Alain Menelle presented recent progress in support for European schools, both introductory and advanced.

Good progress and performance of all KPIs. Report D 3.8 had been delayed, but delivered at the time of the GA (M45).

Since many of the schools were organised by beneficiaries from SINE2020 there had been an adjustment of financial management of the school funding within SINE2020. This allowed the support of a new school in Vienna 14.-17. August 2019, the support for which was approved by the school evaluation panel. The financial report for all introductory schools organised in 2018 was accepted and financial support transferred to the schools .

One -supported -advanced school (Matrac-1 2017) was cancelled and another (Add2019) will not claim the support after all.

It was noted that the change of reimbursement process (now not requiring report first) induced difficulties to obtain reports.

4.5. Peter Baker and Michael Oakley presented recent advancement of development and implementation of e-learning at ISIS. Apart from extending the e-learning material in the muSR course and expanding interactivity, recent focus has been on developing online learning about data analysis and software tools. Effort had gone into developing a method to dynamically show content of a digitalised manual as part of an e-learning tutorial. We discussed synergies in science_cases for neutron and muon studies and the possibility to develop learning material of such cases in future projects.

56. Peter Willendrup presented (-as substitute for Thomas H Rod who could not attend-) the PaNOSC project through which the ESS which will host the e-neutrons platform (hard-ware and software) at the end of SINE2020. It is however unclear if the project will be able to support maintenance and development of current learning material within the platform.

67. It was proposed to ask the SINE2020 board if remaining funds from advanced schools could be distributed as further support to the other advanced schools.

We further discussed the ending of SINE2020 and the very unfortunate implications it will have on the networking across Europe between users and facilities of neutrons, muon and related techniques.

We agreed that it will be difficult to maintain the networks which have been developed over 10-12 years through support from the NMI3 projects and SINE2020 . We shared hopes that the facilities will provide financial support for the maintenance of at least some networking and knowledge-sharing since it seems unlikely that universities- in Europe in general will prioritise financial support for e.g. neutron related education and networking in this area. It was also proposed that we approached the newly-formed LENS initiative with the request for a collaboration network regarding education in neutron related techniques-

