

# SINE2020 Workshop on Neutron Scattering Data Analysis Software

## 6<sup>th</sup> - 8<sup>th</sup> June 2018, Soragna

### Wednesday 6<sup>th</sup> June 2018

*Chair: Markvardsen*

Speaker

#### Opening

14:30 - 14:35	From the local organizer	Wuttke
14:35 - 14:40	From the program committee	Wuttke
14:40 - 15:00	From the chairman	Rod

#### SINE2020 Projects SasView, BornAgain:

15:00 - 15:40	Agile methodology, GUI testing and SasView status	Rozyczko
15:40 - 16:10	BornAgain status	VanHerck/Yurov

**16:10 - 16:40**

***Break***

#### Projects outside SINE2020:

16:40 - 17:00	NSXTool	Fisher
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#### SINE2020 Project Mantid:

17:00 - 17:10	Mantid at ILL	Gonzalez
17:10 - 17:20	Scanning instruments in Mantid	Vardanyan
17:20 - 17:35	Mantid at MLZ, MD workspace	Ganeva
17:35 - 17:45	Mantid at PSI	Rantsiou
17:45 - 18:00	TOF quick visualization in Mantid	Soininen

18:00 - 20:00

Ad-hoc discussions

**20:00**

***Dinner***

### Thursday 7<sup>th</sup> June 2018

*Chair: Wuttke*

#### SINE2020 Project QENS:

09:00 - 09:20	Reverse fitting in spectroscopy	Lass
09:20 - 09:40	QENS model library and Jupyter notebooks	Durniak
09:40 - 09:55	Ab-initio and other INS/QENS analyses in Mantid	Mukhopadhyay
09:55 - 10:10	QENS analyses in Mantid	Hewer

#### SINE2020 Project Imaging:

10:10 - 10:25	Tomographic reconstruction with MantidImaging	Nixon
10:25 - 10:45	Corrections in imaging and project status	Carminati

## Thursday 7<sup>th</sup> June 2018

10:45 - 12:45 Coffee & Ad-hoc discussions

**12:45 - 14:00 Lunch**

14:00 - 16:15 Social activity: Visit to Verdi's country house

*Chair: Mutti*

Speaker

SINE2020 Project $\mu$ SR:		
16:30 - 16:40	Workflow for $\mu$ SR analysis	Bonfà
16:40 - 17:00	Simulation and refinement for $\mu$ SR	Onuorah

Standards & Technology - Formats:		
17:00 - 17:15	Scanning data in NeXus	Richter
17:15 - 17:30	Geometry in NeXus	Jones

**17:30 - 17:45 Break**

Standards & Technology - GUI:		
17:45 - 18:10	Lessons from User Experience Course	Potrzebowski
18:10 - 18:40	GUI for BornAgain	Pospelov
18:40 - 19:00	Testing GUI and disentangling signalling spaghetti	Wuttke

19:00 - 20:00 Ad-hoc discussions

**20:00 Dinner**

## Friday 8<sup>th</sup> June 2018

*Chair: Nielsen*

Speaker

Standards & Technology - Fitting:		
09:00 - 09:30	Fit benchmarking Python library	Lim

SINE2020 Project MDANSE:		
09:30 - 09:45	MDANSE	Pérenon

Projects outside SINE2020:		
09:45 - 10:00	Quantum Materials studies using BIFROST@ESS	Hellsvik
10:00 - 10:15	SpinW	Ward

**10:15 - 10:45 Break**

Standards & Technology - Documentation:		
10:45 - 11:10	Online documentation	Pospelov
11:10 - 11:35	Producing tutorial videos	Kaestner

Standards & Technology - Outlook:		
11:35 - 12:05	Tensorflow	Fisher

**12:15 - 13:00 Lunch & Closing Remarks**