

BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
212	Documentation	Resolved	Normal	Write description of isgisaxs01 example for User Manual using latex	celine	Sprint 15	0	12 Mar 2013 20:53	pospelov
264	Feature	Resolved	Normal	Change conventions (feedback from GISS Workshop)	herck	Sprint 15	0	15 Apr 2013 15:01	herck
311	Documentation	Resolved	Normal	Adapt local python script for plotting data	herck	Sprint 15	0	04 Jul 2013 16:24	herck
312	Feature	Resolved	Normal	Develop enough neutron polarization support to simulate samples from S. Disch and A. Klapper	herck	Sprint 15	100	04 Jul 2013 16:26	herck
316	Testing	Resolved	Normal	Move all IsGISAXS geometries to Core/StandardSample directory	pospelov	Sprint 15	0	05 Jul 2013 11:08	pospelov
317	Feature	Resolved	Normal	Remove Decorator pattern from user interface	pospelov	Sprint 15	0	05 Jul 2013 14:18	herck
322	Feature	Resolved	Normal	Move specular calculation to the SpecularMatrix class (for scalar)	herck	Sprint 15	0	08 Jul 2013 12:08	herck
323	Feature	Resolved	Normal	Add polarization state to Beam	herck	Sprint 15	0	08 Jul 2013 12:09	herck
324	Feature	Resolved	Normal	Add magnetic materials	herck	Sprint 15	0	08 Jul 2013 12:09	herck
325	Feature	Resolved	Normal	Develop MatrixSpecular for magnetic materials	herck	Sprint 15	0	08 Jul 2013 12:12	herck
326	Feature	Resolved	Normal	Use magnetic calculation when a magnetic material is present		Sprint 15	0	08 Jul 2013 12:13	herck
327	Feature	Resolved	Normal	Add DWBA for magnetic particles	herck	Sprint 15	0	08 Jul 2013 12:16	herck
328	Feature	Resolved	Normal	Develop roughness calculation for matrix formalism	herck	Sprint 15	0	09 Jul 2013 14:58	herck
329	Feature	Resolved	Normal	Add new cmake build configuration to TeamCity	pospelov	Sprint 15	0	13 Jul 2013 23:44	pospelov
331	Documentation	Resolved	Normal	Write simple fitting example and corresponding section in the documentation	celine	Sprint 15	0	18 Jul 2013 17:13	pospelov
332	Testing	Resolved	Normal	cmake build in Ubuntu and corresponding how to in the documentation	pospelov	Sprint 15	0	18 Jul 2013 17:13	pospelov
334	Refactoring	Resolved	Normal	Replace Particle's index of refraction with material	pospelov	Sprint 15	0	22 Jul 2013 13:08	pospelov
336	Bug	Resolved	Normal	Compile Error on Ubuntu 12.04	pospelov	Sprint 15	0	25 Jul 2013 15:39	Anonymous
338	Bug	Resolved	Normal	Strange warning in boost::python api generation	pospelov	Sprint 15	0	26 Jul 2013 18:35	pospelov
340	Bug	Resolved	Normal	Fix zero eigenvalue case for specular magnetic case	herck	Sprint 15	0	30 Jul 2013 17:52	herck
14	Feature	Resolved	Normal	Choose platform-independent build system		Sprint 16	100	25 Apr 2012 10:21	herck
314	Feature	Resolved	Normal	Windows compilation part 2	pospelov	Sprint 16	100	04 Jul 2013 16:55	herck
360	Feature	Resolved	Normal	Compile BornAgainCore and corresponding functional tests	pospelov	Sprint 16	0	26 Aug 2013 09:53	pospelov
361	Feature	Resolved	Normal	Compile BornAgainFit and corresponding minimizer libraries and functional tests	pospelov	Sprint 16	0	26 Aug 2013 09:54	pospelov
362	Feature	Resolved	Normal	Compile PythonAPI and run python functional tests	pospelov	Sprint 16	0	26 Aug 2013 09:57	pospelov
363	Feature	Resolved	Normal	Compile App using cmake-mingw and cmake-msvc	pospelov	Sprint 16	0	26 Aug 2013 09:59	pospelov
364	Feature	Resolved	Normal	Switch to cmake build system in windows build	pospelov	Sprint 16	0	26 Aug 2013 10:00	pospelov
365	Feature	Resolved	Normal	Switch to Microsoft VC2012 in windows build	pospelov	Sprint 16	0	26 Aug 2013 10:00	pospelov

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366	Feature	Resolved	Normal	Create windows installer package	pospelov	Sprint 16	0	26 Aug 2013 10:00	pospelov
367	Feature	Resolved	Normal	Provide treatment of detector resolution for polarized neutrons	herck	Sprint 16	100	26 Aug 2013 10:49	herck
368	Feature	Resolved	Normal	Provide correct normalization of polarized neutron intensity	herck	Sprint 16	0	26 Aug 2013 10:49	herck
370	Refactoring	Resolved	Normal	Remove unnecessary code duplication introduced during implementation of polarization	herck	Sprint 16	100	26 Aug 2013 11:28	herck
371	Support	Resolved	Normal	Simulate S. Disch's sample	herck	Sprint 16	0	26 Aug 2013 13:25	herck
388	Feature	Resolved	Normal	Test polarization simulation with lsGISAXS03 example	herck	Sprint 16	0	04 Sep 2013 11:19	herck
389	Feature	Resolved	Normal	Make common interface for reflection/transmission coefficients and their maps	herck	Sprint 16	0	04 Sep 2013 11:27	herck
390	Feature	Resolved	Normal	Make implementations of interference functions transparent to whether coefficients are matrix- or scalar-valued	herck	Sprint 16	0	04 Sep 2013 11:29	herck
391	Feature	Resolved	Normal	Compile GUI for windows using cmake-mingw and cmake-msvc	pospelov	Sprint 16	0	06 Sep 2013 14:24	pospelov
392	Feature	Resolved	Normal	Use scalar reflection/transmission coefficients in absence of magnetization in layers (also when the particles might be magnetized)	herck	Sprint 16	0	06 Sep 2013 14:56	herck
399	Feature	Resolved	Normal	Provide diffuse calculation for polarized mesocrystals	herck	Sprint 16	0	17 Sep 2013 14:48	herck
402	Feature	Resolved	Normal	Use cmake in eclipse build	herck	Sprint 16	0	19 Sep 2013 10:35	herck
403	Bug	Resolved	Normal	Debian unittest failure	pospelov	Sprint 16	0	19 Sep 2013 15:32	ganeva
406	Documentation	Resolved	Normal	Review Software Architecture section	pospelov	Sprint 16	0	24 Sep 2013 10:45	pospelov
407	Documentation	Resolved	Normal	Review Installation section	pospelov	Sprint 16	0	24 Sep 2013 16:15	pospelov
408	Documentation	Resolved	Normal	Update wiki page to conform with the UserManual	pospelov	Sprint 16	0	24 Sep 2013 17:27	pospelov
411	Feature	Resolved	Normal	Provide help functions for analysis of polarized OutputData structures	herck	Sprint 16	0	25 Sep 2013 11:20	herck
372	Documentation	Archived	Normal	Review fitting section	pospelov	Sprint 17	100	29 Aug 2013 16:47	pospelov
396	Feature	Archived	Normal	Create deb package	ganeva	Sprint 17	100	10 Sep 2013 12:55	wuttke
398	Documentation	Archived	Normal	default installation from tgz; direct only experts to git snapshot		Sprint 17	0	11 Sep 2013 18:58	wuttke
404	Documentation	Archived	Normal	Prepare poster for GISAXS2013 Workshop in Hamburg	pospelov	Sprint 17	0	23 Sep 2013 11:51	pospelov
417	Feature	Archived	Normal	implement automatic propagation of BornAgain version number into cmake	ganeva	Sprint 17	100	27 Sep 2013 10:37	pospelov
419	Feature	Archived	Normal	Write deployment script which will automatize the release	ganeva	Sprint 17	0	27 Sep 2013 11:20	pospelov
423	Documentation	Archived	Normal	Prepare demo for GISASXS 2013	herck	Sprint 17	0	30 Sep 2013 10:22	herck
431	Feature	Archived	Normal	Build: provide thisbornagain.sh to set system PATHs to the installation directory	pospelov	Sprint 17	0	08 Oct 2013 17:09	pospelov
439	Documentation	Archived	Normal	Explain sample parameters paradigm in simulation examples section	pospelov	Sprint 17	0	11 Oct 2013 12:34	pospelov
440	Documentation	Archived	Normal	Create svg plot representing minimization flow	pospelov	Sprint 17	0	11 Oct 2013 13:47	pospelov

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443	Refactoring	Archived	Normal	Refactor IMinimizer for better control of minimizer option	pospelov	Sprint 17	0	15 Oct 2013 09:14	pospelov
447	Bug	Archived	Normal	Our minimum required cmake version 2.8.0 doesn't contain PARSE_MACRO	pospelov	Sprint 17	0	15 Oct 2013 15:51	pospelov
449	Documentation	Archived	Normal	Review manual's simulation python example section to conform changes in the script itself	celine	Sprint 17	0	17 Oct 2013 09:42	pospelov
455	Documentation	Archived	Normal	Add demos into Examples/python section		Sprint 17	0	18 Oct 2013 10:03	pospelov
459	Documentation	Archived	Normal	Review installation section	pospelov	Sprint 17	0	29 Oct 2013 11:25	pospelov
460	Support	Archived	Normal	Create git repository for user related info	herck	Sprint 17	0	29 Oct 2013 11:38	pospelov
468	Bug	Archived	Normal	Make use of python interpreter to guess libpython location	pospelov	Sprint 17	0	31 Oct 2013 15:08	pospelov
470	Bug	Archived	Normal	fitting example failure	pospelov	Sprint 17	0	05 Nov 2013 09:18	ganeva
473	Bug	Archived	Normal	Simulation fails at zero abundance in particle_decoration.addParticle	pospelov	Sprint 17	0	06 Nov 2013 12:39	ganeva
421	Testing	Rejected	Normal	Repair Performance test		Sprint 18	0	30 Sep 2013 09:49	pospelov
288	Feature	Archived	Normal	Provide correct implementation of tilted cylinder (and cone) formfactor for complex wavenumbers	herck	Sprint 18	0	15 May 2013 17:03	herck
410	Feature	Archived	Normal	Review and improve on mesocrystal form factors	herck	Sprint 18	100	25 Sep 2013 11:15	herck
413	Testing	Archived	Normal	Repair MesoCrystal functional test	pospelov	Sprint 18	0	25 Sep 2013 16:48	pospelov
414	Testing	Archived	Normal	Implement functional test: polarized DWBA with zero magnetic field	ganeva	Sprint 18	100	25 Sep 2013 16:50	pospelov
416	Refactoring	Archived	Normal	CHeck and fix //TODO's and //FIXME's	herck	Sprint 18	0	26 Sep 2013 14:26	herck
436	Refactoring	Archived	Normal	Refactor ISample, IParameterized and ParameterPool for better access to global ISample's parameter pool	pospelov	Sprint 18	0	10 Oct 2013 15:57	pospelov
454	Feature	Archived	Normal	Change behavior of setParameterValue	pospelov	Sprint 18	0	18 Oct 2013 09:39	pospelov
469	Bug	Archived	Normal	Review form factor calculation for big particle dimensions	herck	Sprint 18	0	04 Nov 2013 17:43	herck
471	Documentation	Archived	Normal	Write down formalism for polarized DWBA on embedded particles	herck	Sprint 18	0	05 Nov 2013 11:22	herck
477	Feature	Archived	Normal	Implement/review Cone formfactor	celine	Sprint 18	80	07 Nov 2013 15:41	pospelov
478	Feature	Archived	Normal	Implement/review Tethraedron formfactor	celine	Sprint 18	80	07 Nov 2013 15:42	pospelov
479	Feature	Archived	Normal	Implement/review Prism6 formfactor	celine	Sprint 18	80	07 Nov 2013 15:42	pospelov
480	Feature	Archived	Normal	Implement/review Cone6 formfactor	celine	Sprint 18	60	07 Nov 2013 15:43	pospelov
481	Feature	Archived	Normal	Implement/review Cybooctaedron formfactor	celine	Sprint 18	0	07 Nov 2013 15:44	pospelov
483	Feature	Archived	Normal	Implement/review Anisotropic pyramid formfactor	celine	Sprint 18	60	07 Nov 2013 15:45	pospelov
494	Feature	Archived	Normal	Implement all IsgISAXS distribution functions	herck	Sprint 18	0	12 Nov 2013 11:43	herck
499	Bug	Archived	Normal	Simulated formfactors sphere (for H=2R) and fullsphere are squeezed	herck	Sprint 18	0	15 Nov 2013 10:18	ganeva
501	Documentation	Archived	Normal	API reference for manual	pospelov	Sprint 18	0	18 Nov 2013 11:16	herck

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505	Bug	Archived	Normal	Investigate and possibly fix transformations for polarized mesocrystals	herck	Sprint 18	100	21 Nov 2013 14:39	herck
506	Feature	Archived	Normal	Refactor all tests to use new SimulationRegistry	ganeva	Sprint 18	0	22 Nov 2013 12:55	pospelov
507	Refactoring	Archived	Normal	Wrap SampleBuilder in the shared pointer	pospelov	Sprint 18	0	22 Nov 2013 13:02	pospelov
508	Bug	Archived	Normal	Pacman assymetry in peaks of meso crystal simulation	herck	Sprint 18	0	22 Nov 2013 13:36	pospelov
509	Bug	Archived	Normal	OutputData<T>.setAllTo(value) crashes (nullpointer) after clear()	herck	Sprint 18	0	22 Nov 2013 15:21	herck
512	Bug	Archived	Normal	Particles' magnetic materials are not transformed	herck	Sprint 18	0	25 Nov 2013 17:31	herck
516	Bug	Archived	Normal	Simulation of mesocrystal differs when doing 4 vs 8 threads	pospelov	Sprint 18	0	26 Nov 2013 17:42	pospelov
522	Refactoring	Archived	Normal	Clean up in App and FunctionalTests	pospelov	Sprint 18	0	04 Dec 2013 10:02	pospelov
524	Testing	Archived	Normal	Produce a functional test for the layer with roughness	ganeva	Sprint 18	0	06 Dec 2013 13:32	ganeva
527	Feature	Archived	Normal	Implement the ripple 2 (triangular) formfactor	ganeva	Sprint 18	0	10 Dec 2013 09:38	ganeva
529	Testing	Archived	Normal	Create TRange unit test		Sprint 18	0	10 Dec 2013 11:45	Anonymous
530	Testing	Archived	Normal	Create AxisBin unit test		Sprint 18	0	10 Dec 2013 12:57	Anonymous
535	Testing	Archived	Normal	Modify Particle unit test		Sprint 18	0	17 Dec 2013 13:41	Anonymous
536	Testing	Archived	Normal	Create FTDistributions unit test		Sprint 18	0	17 Dec 2013 13:42	Anonymous
540	Feature	Archived	Normal	Provide consistent propagation and composition of transformations	herck	Sprint 18	0	18 Dec 2013 09:45	herck
491	Feature	Rejected	Normal	Provide https access to git repository	herck	Sprint 19	0	11 Nov 2013 15:41	herck
220	Bug	Archived	Normal	Gui: provide GUI compilation under Qt5/linux	pospelov	Sprint 19	100	18 Mar 2013 14:35	pospelov
318	Feature	Archived	Normal	Implement beam divergence and wavelength distribution	herck	Sprint 19	0	05 Jul 2013 14:50	pospelov
400	Feature	Archived	Normal	Move QtVariantManager into directory "externals" as static library	pospelov	Sprint 19	0	19 Sep 2013 10:06	pospelov
445	Testing	Archived	Normal	Implement BornAgainFit unit test infrastructure		Sprint 19	0	15 Oct 2013 11:02	pospelov
482	Feature	Archived	Normal	Implement/review Full spheroid formfactor	celine	Sprint 19	0	07 Nov 2013 15:44	pospelov
484	Feature	Archived	Normal	Implement/review Ellipsoid formfactor	celine	Sprint 19	0	07 Nov 2013 15:45	pospelov
485	Feature	Archived	Normal	Implement/review Anisotropic hemi-spheroid formfactor	celine	Sprint 19	0	07 Nov 2013 15:45	pospelov
486	Feature	Archived	Normal	Implement/review Spheroid formfactor	celine	Sprint 19	0	07 Nov 2013 15:46	pospelov
521	Feature	Archived	Normal	Implement polarized DWBA with cylindrical particles functional test	pospelov	Sprint 19	0	04 Dec 2013 09:59	pospelov
526	Feature	Archived	Normal	Implement the ripple 1 (gaussian) formfactor	ganeva	Sprint 19	0	10 Dec 2013 09:37	ganeva
537	Testing	Archived	Normal	Create MultiLayer unit test		Sprint 19	0	17 Dec 2013 17:59	Anonymous
546	Documentation	Archived	Normal	Complete Appendix with all form factors listed	celine	Sprint 19	0	20 Dec 2013 13:43	pospelov
549	Documentation	Archived	Normal	Doxygen API: review form factors description	celine	Sprint 19	0	02 Jan 2014 10:20	pospelov
551	Testing	Archived	Normal	Implement tests for AttLimits, FitParameter, FitParameterLinked		Sprint 19	0	02 Jan 2014 14:38	Anonymous
553	Feature	Archived	Normal	Provide interface to perform off-specular scattering simulations	herck	Sprint 19	0	07 Jan 2014 14:51	herck
554	Testing	Archived	Normal	Implement ParticleDecoration unit test		Sprint 19	0	08 Jan 2014 11:10	pospelov

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556	Testing	Archived	Normal	Implement HomogeneousMaterial and HomogeneousMagneticMaterials unit tests		Sprint 19	0	08 Jan 2014 11:12	pospelov
557	Testing	Archived	Normal	Implement OutputData<Eigen::Matrix2d> unit test		Sprint 19	0	08 Jan 2014 11:13	pospelov
559	Testing	Archived	Normal	Implement SpecularMatrix unit test		Sprint 19	0	09 Jan 2014 10:25	pospelov
560	Testing	Archived	Normal	Implement ScalarRTCoefficients unit test		Sprint 19	0	09 Jan 2014 10:29	pospelov
561	Testing	Archived	Normal	Implement MathFunctions unit test		Sprint 19	0	09 Jan 2014 10:37	pospelov
562	Testing	Archived	Normal	Implement MatrixRTCoefficients unit test		Sprint 19	0	09 Jan 2014 10:44	pospelov
563	Testing	Archived	Normal	Revise Beam unit test		Sprint 19	0	09 Jan 2014 10:50	pospelov
564	Testing	Archived	Normal	Implement ScalarSpecularInfoMap and MatrixSpecularInfoMap test		Sprint 19	0	09 Jan 2014 17:40	pospelov
567	Bug	Archived	Normal	Restore PythonAPI generation under Maverick	pospelov	Sprint 19	0	10 Jan 2014 09:55	pospelov
569	Feature	Archived	Normal	Provide complex Bessel functions in C++ by wrapping existing fortran code	pospelov	Sprint 19	0	13 Jan 2014 10:50	pospelov
571	Feature	Archived	Normal	Replace real Bessel with complex one where needed	herck	Sprint 19	0	17 Jan 2014 09:50	herck
573	Testing	Archived	Normal	Implement DWBASimulation unit test	pospelov	Sprint 19	0	21 Jan 2014 11:46	pospelov
576	Bug	Archived	Normal	Fix functional tests under Maverick	herck	Sprint 19	0	22 Jan 2014 12:42	herck
582	Bug	Archived	Normal	Silent sigmentation fault in InterferenceFunction2DLattice	ganeva	Sprint 19	0	05 Feb 2014 10:03	ganeva
584	Documentation	Archived	Normal	Write small explanation about core shell form factor in FormFactor's Appendix	celine	Sprint 20	0	06 Feb 2014 15:25	pospelov
589	Documentation	Archived	Normal	Reduce size in Mb of user manual	celine	Sprint 20	0	11 Feb 2014 13:11	pospelov
590	Documentation	Archived	Normal	Write Appendix section about interference functions available	celine	Sprint 20	0	12 Feb 2014 13:35	pospelov
591	Documentation	Archived	Normal	Write Doxygen section about interference functions available	celine	Sprint 20	0	12 Feb 2014 13:36	pospelov
594	Refactoring	Archived	Normal	Revise ParticleDecoration appearance/naming in UserAPI	pospelov	Sprint 20	0	12 Feb 2014 13:40	pospelov
595	Feature	Archived	Normal	Implement saving of general GUI settings	pospelov	Sprint 20	0	12 Feb 2014 13:42	pospelov
596	Feature	Archived	Normal	Investigate serialization of QStandardItemModel	pospelov	Sprint 20	0	12 Feb 2014 13:43	pospelov
605	Bug	Archived	Normal	Fitting examples under Windows doesn't update graphics in realtime	pospelov	Sprint 20	0	12 Feb 2014 15:33	pospelov
608	Feature	Archived	Normal	Basic QStandardItemModel structure	herck	Sprint 20	0	14 Feb 2014 13:37	herck
609	Feature	Archived	Normal	Generate domain objects from GUI model objects	herck	Sprint 20	0	14 Feb 2014 13:38	herck
611	Feature	Archived	Normal	Attach drag&drop view to the underlying QStandardItemModel	pospelov	Sprint 20	0	14 Feb 2014 13:40	herck
612	Feature	Archived	Normal	Attach Property Editor View to the underlying QStandardItemModel	herck	Sprint 20	0	14 Feb 2014 13:41	herck
615	Feature	Archived	Normal	Implement add/remove/move in TreeView	herck	Sprint 20	0	18 Feb 2014 17:37	herck
616	Feature	Archived	Normal	Implement new FormFactor pictograms in widgetbox	pospelov	Sprint 20	0	19 Feb 2014 17:53	pospelov
623	Feature	Archived	Normal	Implement basics of JobQueueItem and JobQueueModel	pospelov	Sprint 20	0	25 Feb 2014 13:39	pospelov
624	Feature	Archived	Normal	Implement JobQueueView with tree representation of queue's properties and corresponding OutputData widget	pospelov	Sprint 20	0	25 Feb 2014 13:40	pospelov

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625	Feature	Archived	Normal	Implement basic logic for add/remove/cancel/undo for JobQueueView	pospelov	Sprint 20	0	25 Feb 2014 13:40	pospelov
626	Feature	Archived	Normal	Implement ProgressBar in Coregui and JobQueueModel	pospelov	Sprint 20	0	25 Feb 2014 13:40	pospelov
627	Feature	Archived	Normal	Implement serialization of JobQueueModel	pospelov	Sprint 20	0	25 Feb 2014 13:41	pospelov
628	Feature	Archived	Normal	Implement call back from Simulation to the ProgressBar of JobQueueView	pospelov	Sprint 20	0	25 Feb 2014 13:41	pospelov
641	Feature	Archived	Normal	Drag items to root in treeview	herck	Sprint 20	0	21 Mar 2014 13:47	herck
645	Feature	Archived	Normal	Implement formfactory property as combobox in property editor	herck	Sprint 20	0	10 Apr 2014 19:51	herck
597	Feature	Resolved	Normal	Attach Instrument view to session model	pospelov	Sprint 21	0	12 Feb 2014 13:44	pospelov
598	Feature	Resolved	Normal	Implement OutputData widget		Sprint 21	0	12 Feb 2014 13:46	pospelov
599	Feature	Resolved	Normal	Extend OutputData widget with projections		Sprint 21	0	12 Feb 2014 13:46	pospelov
603	Feature	Resolved	Normal	Rafactor GUI version of MaterialManager	pospelov	Sprint 21	0	12 Feb 2014 15:11	pospelov
610	Feature	Resolved	Normal	Generate QStandardItem objects from the domain objects	pospelov	Sprint 21	0	14 Feb 2014 13:40	herck
613	Feature	Resolved	Normal	Complete correspondence between domain and GUI model objects		Sprint 21	100	14 Feb 2014 13:42	herck
622	Feature	Resolved	Normal	Implement JobQueueModel and View	pospelov	Sprint 21	100	25 Feb 2014 13:39	pospelov
629	Feature	Resolved	Normal	Complete connection between SessionModel and JobQueueModel	pospelov	Sprint 21	0	25 Feb 2014 13:41	pospelov
635	Feature	Resolved	Normal	Integrate Mahadi's OutputDataWidget into JobQueueView	pospelov	Sprint 21	0	11 Mar 2014 15:57	pospelov
646	Feature	Resolved	Normal	Implement serialization of subitems of ParameterizedItem	herck	Sprint 21	0	10 Apr 2014 21:18	herck
647	Feature	Resolved	Normal	Implement serialization of MaterialManager	pospelov	Sprint 21	0	11 Apr 2014 16:28	pospelov
653	Feature	Resolved	Normal	Implement ParticleView representing ParticleItem	pospelov	Sprint 21	0	14 Apr 2014 11:14	pospelov
654	Feature	Resolved	Normal	Complete IsGISAXS01 sample generation from GUI	pospelov	Sprint 21	0	14 Apr 2014 11:22	pospelov
655	Feature	Resolved	Normal	Implement parameterized items for 1D and 2D paracrystals	pospelov	Sprint 21	0	14 Apr 2014 11:22	pospelov
657	Feature	Resolved	Normal	Provide solution for form factor of big particles	herck	Sprint 21	0	14 Apr 2014 15:21	herck
673	Feature	Resolved	Normal	Provide editing of ParameterizedItem's name in property editor.	pospelov	Sprint 21	0	06 May 2014 11:47	pospelov
678	Feature	Resolved	Normal	Provide automatic switch to JobView after the job is completed.	pospelov	Sprint 21	0	12 May 2014 09:00	pospelov
648	Feature	Rejected	Normal	Provide serialization of ParticleItem	herck	Sprint 21	0	14 Apr 2014 10:19	herck
578	Bug	Archived	Normal	Initialization problem in LLData class	herck	Sprint 22	0	28 Jan 2014 11:48	Anonymous
581	Refactoring	Archived	Normal	Check naming of the coherence length	herck	Sprint 22	0	03 Feb 2014 15:27	ganeva
600	Feature	Archived	Normal	Provide compilation of BornAgain at Irz cluster	pospelov	Sprint 22	0	12 Feb 2014 13:47	pospelov
663	Feature	Archived	Normal	Improve MaterialEditor logic	pospelov	Sprint 22	0	23 Apr 2014 18:14	pospelov
674	Testing	Archived	Normal	Provide functional test machinery for GUI.	pospelov	Sprint 22	0	06 May 2014 11:50	pospelov
675	Feature	Archived	Normal	Provide widgetbox with tooltips.	pospelov	Sprint 22	0	06 May 2014 12:30	pospelov
679	Feature	Archived	Normal	Revise location of auto generated BAVersion and similar files	pospelov	Sprint 22	0	14 May 2014 10:27	pospelov

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681	Feature	Archived	Normal	Provide Paracrystal1D with possibility to set different probability distributions.	herck	Sprint 22	0	16 May 2014 09:01	pospelov
687	Feature	Archived	Normal	Provide unit test machinery for GUI.	pospelov	Sprint 22	0	27 May 2014 14:52	pospelov
688	Feature	Archived	Normal	Include GUI in nightly build	pospelov	Sprint 22	0	27 May 2014 14:53	pospelov
691	Documentation	Archived	Normal	Provide simple cartoons for concepts that are otherwise difficult to understand	celine	Sprint 22	0	03 Jun 2014 15:01	herck
694	Feature	Archived	Normal	Provide select all functionality for SampleView	pospelov	Sprint 22	0	03 Jun 2014 17:56	pospelov
695	Feature	Archived	Normal	Provide panning functionality for SampleView	pospelov	Sprint 22	0	03 Jun 2014 17:57	pospelov
696	Feature	Archived	Normal	Implement check for unsaved project and corresponding save/discard widget		Sprint 22	0	03 Jun 2014 17:57	pospelov
699	Feature	Archived	Normal	Implement ParameterModel and corresponding view delegates for real time SimulationView		Sprint 22	0	04 Jun 2014 14:14	pospelov
700	Feature	Archived	Normal	Implement core shell particles in GUI	pospelov	Sprint 22	0	04 Jun 2014 14:42	pospelov
701	Feature	Archived	Normal	Implement layer roughness in GUI	pospelov	Sprint 22	0	04 Jun 2014 14:43	pospelov
705	Feature	Archived	Normal	Implement Monte Carlo integration also for polarized simulations	herck	Sprint 22	0	12 Jun 2014 16:56	herck
706	Bug	Archived	Normal	Layer cannot be dropped from widgetbox to designer scene	pospelov	Sprint 22	0	12 Jun 2014 17:05	herck
709	Bug	Archived	Normal	Take care of thick layers	herck	Sprint 22	0	25 Jun 2014 17:46	herck
729	Feature	Archived	Normal	Integrate Mahadi's QuickSimulation widget into run simulation environment.	pospelov	Sprint 22	0	24 Jul 2014 08:49	pospelov
702	Feature	Rejected	Normal	Implement position particle info equivalent in GUI		Sprint 23	0	04 Jun 2014 15:02	pospelov
465	Feature	Archived	Normal	Organize BornAgain mail list with subscription	wuttke	Sprint 23	0	29 Oct 2013 16:42	pospelov
604	Feature	Archived	Normal	Implement QStandardItemModel hierarchy		Sprint 23	100	12 Feb 2014 15:22	herck
682	Feature	Archived	Normal	Provide PlotWidget with x,y-axis in both, radians and degrees.	pospelov	Sprint 23	0	16 May 2014 14:53	pospelov
703	Feature	Archived	Normal	Implement rotation of particles in GUI	herck	Sprint 23	0	04 Jun 2014 15:13	pospelov
704	Feature	Archived	Normal	Implement Lattice2D interference function in GUI	herck	Sprint 23	0	04 Jun 2014 15:16	pospelov
736	Feature	Archived	Normal	Compile GUI under Windows with Qt5.3 and provide installer.	pospelov	Sprint 23	0	28 Jul 2014 09:52	pospelov
741	Bug	Archived	Normal	ScalarSpecularInfoMapTest failing under Debian 32 bits	herck	Sprint 23	0	31 Jul 2014 14:08	pospelov
746	Feature	Archived	Normal	Refactor GUI's OutputDataWidget to disantagle projections/property editor/plot widget.		Sprint 23	0	01 Aug 2014 15:19	pospelov
747	Feature	Archived	Normal	Finalize QuickSimulationView.		Sprint 23	0	01 Aug 2014 15:24	pospelov
748	Feature	Archived	Normal	Refactor IAxis family	pospelov	Sprint 23	0	01 Aug 2014 15:39	pospelov
763	Feature	Archived	Normal	Provide icon set for recent widgets	pospelov	Sprint 23	0	12 Aug 2014 13:53	pospelov
766	Feature	Archived	Normal	Propagate latest API changes (IAxis, IntensityDataIOFactory) into user manual.	pospelov	Sprint 23	0	14 Aug 2014 13:33	pospelov
779	Bug	Archived	Normal	Transformations on core/shell are not being used	herck	Sprint 23	0	26 Aug 2014 10:25	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
393	Feature	Archived	Normal	Create Mac installer	ganeva	Sprint 24	100	06 Sep 2013 16:21	pospelov
429	Documentation	Archived	Normal	Write Appendix which lists all implemented examples from Examples section	celine	Sprint 24	0	07 Oct 2013 16:46	pospelov
677	Feature	Archived	Normal	Provide validation of GUI sample for corectness and corresponding info widget	pospelov	Sprint 24	0	06 May 2014 16:52	pospelov
680	Feature	Archived	Normal	Provide ParameterizedItem's property with tooltips.	celine	Sprint 24	0	16 May 2014 08:59	pospelov
768	Feature	Archived	Normal	Integrate QuickSimulationView into JobView	pospelov	Sprint 24	100	20 Aug 2014 15:11	pospelov
769	Feature	Archived	Normal	Remove SimulationDataModel	pospelov	Sprint 24	0	20 Aug 2014 17:45	pospelov
776	Bug	Archived	Normal	GUI: InterferenceFunction2DParaCrystal rotation angle activation	pospelov	Sprint 24	0	25 Aug 2014 17:55	herck
778	Feature	Archived	Normal	Windows installer: implement add/remove BornAgain desktop icon	pospelov	Sprint 24	0	26 Aug 2014 09:32	pospelov
780	Bug	Archived	Normal	Windows: pixmap of item being dragged is not displayed on DesignerScene	pospelov	Sprint 24	0	26 Aug 2014 10:44	pospelov
784	Feature	Archived	Normal	Revise workspace behaviour in DesignerScene	pospelov	Sprint 24	0	27 Aug 2014 15:59	pospelov
786	Refactoring	Archived	Normal	Remove unnecessary calls to getOutCoefficients	herck	Sprint 24	0	28 Aug 2014 10:29	herck
791	Bug	Archived	Normal	LLDataTest.DataAssignment Unittest failure	herck	Sprint 24	0	01 Sep 2014 15:43	ganeva
803	Feature	Archived	Normal	Implement correct handling of simulation failure in JobItem	pospelov	Sprint 24	0	17 Sep 2014 16:56	pospelov
814	Feature	Archived	Normal	Implement exceptions catching in the Core to report exception from a thread to main thread	pospelov	Sprint 24	0	22 Sep 2014 17:25	pospelov
818	Refactoring	Archived	Normal	Review SimulationParameters	herck	Sprint 24	0	23 Sep 2014 17:20	herck
819	Feature	Archived	Normal	Move DA, LMA, SSCA to ParticleLayout and propagate to GUI	herck	Sprint 24	0	24 Sep 2014 16:08	herck
820	Feature	Archived	Normal	Implement reset of JobItem's sample and instrument models to the original.	pospelov	Sprint 24	0	25 Sep 2014 13:51	pospelov
821	Bug	Archived	Normal	Remove interference function approximations from GUI	herck	Sprint 24	0	26 Sep 2014 10:14	herck
822	Feature	Archived	Normal	Revise submit job logic	pospelov	Sprint 24	0	26 Sep 2014 10:25	pospelov
823	Feature	Archived	Normal	Allow multiple ILayout objects per layer	herck	Sprint 24	0	26 Sep 2014 12:58	herck
825	Feature	Archived	Normal	Update default behaviour of OutputDataWidget		Sprint 24	0	26 Sep 2014 15:41	pospelov
826	Bug	Archived	Normal	cmake fails under Debian/testing; problem with Python	pospelov	Sprint 24	0	26 Sep 2014 17:50	wuttke
828	Feature	Archived	Normal	Trivial form factor for demonstration purposes	herck	Sprint 24	0	01 Oct 2014 14:13	herck
833	Bug	Archived	Normal	Duplicate transformation in Real Time Activity view	pospelov	Sprint 24	0	14 Oct 2014 14:06	herck
835	Bug	Archived	Normal	In Real Time Activity view, setting wavelength to zero causes a crash	pospelov	Sprint 24	0	14 Oct 2014 16:57	herck
837	Feature	Archived	Normal	Provide all item's properties with correct limits	celine	Sprint 24	0	16 Oct 2014 17:21	pospelov
838	Feature	Archived	Normal	Merge python script generation branch of Abhishek	herck	Sprint 24	0	16 Oct 2014 17:32	herck
845	Feature	Archived	Normal	API: remove Lattice2DIFParameters from InterferenceFunction2DLattice constructor and implement static creators for square and hexagonal lattice IF's	herck	Sprint 24	0	21 Oct 2014 16:52	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
846	Documentation	Archived	Normal	Adapt manual to new constructor for InterferenceFunction2DLattice	herck	Sprint 24	0	21 Oct 2014 17:32	herck
856	Feature	Archived	Normal	Modify Python Example005 Disorder2 to match description in User Manual	herck	Sprint 24	0	23 Oct 2014 16:11	celine
857	Feature	Archived	Normal	Include GUI into Linux 'make install' command	pospelov	Sprint 24	0	23 Oct 2014 18:07	pospelov
258	Refactoring	Archived	Normal	Make enumerator look the same everywhere	herck	Sprint 25	0	08 Apr 2013 16:15	herck
781	Documentation	Archived	Normal	Provide short description of GUI functionality	pospelov	Sprint 25	0	26 Aug 2014 11:55	pospelov
783	Feature	Archived	Normal	Design BornAgain main application icon		Sprint 25	0	27 Aug 2014 15:28	pospelov
787	Feature	Archived	Normal	Revise build instruction for Mac	pospelov	Sprint 25	0	28 Aug 2014 13:42	pospelov
795	Testing	Archived	Normal	Test dmg package		Sprint 25	0	02 Sep 2014 11:09	ganeva
830	Refactoring	Archived	Normal	Check pass by value for Eigen matrices of fixed size	herck	Sprint 25	0	07 Oct 2014 14:58	herck
841	Feature	Archived	Normal	Implement 'About BornAgain' widget in Menu/Help		Sprint 25	0	17 Oct 2014 16:31	pospelov
849	Documentation	Archived	Normal	Replace old weblink with bornagainproject.org in user manual	pospelov	Sprint 25	0	22 Oct 2014 11:33	herck
851	Feature	Archived	Normal	GUI: disable qDebug() outputs for Release build		Sprint 25	0	22 Oct 2014 16:02	pospelov
854	Feature	Archived	Normal	Provide splash screen for starting GUI		Sprint 25	0	23 Oct 2014 08:58	pospelov
855	Feature	Archived	Normal	Check implementation of radial averaging for paracrystal	herck	Sprint 25	0	23 Oct 2014 15:08	celine
860	Documentation	Archived	Normal	Update installation section with how to compile graphical user interface	pospelov	Sprint 25	0	27 Oct 2014 09:44	pospelov
871	Feature	Archived	Normal	Revise deployment instruction for Mac	pospelov	Sprint 25	0	28 Oct 2014 10:05	pospelov
872	Bug	Archived	Normal	PyScript functional tests fail on ifdds	herck	Sprint 25	0	28 Oct 2014 15:33	herck
873	Bug	Archived	Normal	Replace IntensityDataIOFactory::writeIntensityData format from .txt to .int in all App cases	herck	Sprint 25	0	28 Oct 2014 15:42	herck
874	Bug	Archived	Normal	Fix undefined reference	celine	Sprint 25	0	28 Oct 2014 17:02	herck
876	Bug	Archived	Normal	Fix small release script issues	herck	Sprint 25	0	29 Oct 2014 14:44	herck
877	Documentation	Archived	Normal	Provide draft webpage	herck	Sprint 25	0	29 Oct 2014 14:45	herck
885	Feature	Archived	Normal	Provide web statistics	pospelov	Sprint 25	0	04 Nov 2014 16:22	herck
891	Documentation	Archived	Normal	Check and fix examples	ganeva	Sprint 25	0	10 Nov 2014 09:52	ganeva
894	Feature	Archived	Normal	GUI: create collapsible group box		Sprint 25	0	11 Nov 2014 13:53	Anonymous
898	Feature	Archived	Normal	Create setup.py for moving BornAgain libraries into users Python	pospelov	Sprint 25	0	13 Nov 2014 09:41	pospelov
902	Documentation	Archived	Normal	Fill functionality overview section in Drupal	celine	Sprint 25	0	21 Nov 2014 09:19	celine
905	Documentation	Archived	Normal	Clean up doxygen documentation	pospelov	Sprint 25	0	25 Nov 2014 13:08	pospelov
909	Feature	Archived	Normal	Expose MultiLayer's R,T coefficients into Python	pospelov	Sprint 25	0	01 Dec 2014 11:40	pospelov
910	Feature	Archived	Normal	Implement automatic check of python examples from users examples directory	pospelov	Sprint 25	0	02 Dec 2014 10:31	pospelov
911	Feature	Archived	Normal	Revise usage of PositionParticleInfo	herck	Sprint 25	0	02 Dec 2014 12:29	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
913	Refactoring	Archived	Normal	Remove FormFactorDWBAConstZ	herck	Sprint 25	0	03 Dec 2014 14:19	herck
935	Bug	Archived	Normal	It is not possible to change phi_f in InstrumentView	pospelov	Sprint 25	0	19 Jan 2015 20:11	pospelov
1007	Feature	Rejected	Normal	Implement support for Particle Collection in python script generation	herck	Sprint 26	0	11 Mar 2015 14:00	herck
394	Documentation	Archived	Normal	Write man page(s)	wuttke	Sprint 26	100	10 Sep 2013 12:53	wuttke
555	Testing	Archived	Normal	Implement ParticleCoreShell unit test	herck	Sprint 26	0	08 Jan 2014 11:11	pospelov
577	Support	Archived	Normal	Implement form factor of truncated cubes	celine	Sprint 26	0	23 Jan 2014 14:58	celine
659	Documentation	Archived	Normal	Extend introduction of User manual	wuttke	Sprint 26	100	15 Apr 2014 12:25	celine
827	Feature	Archived	Normal	Forbid in-source build	wuttke	Sprint 26	100	29 Sep 2014 13:42	pospelov
883	Feature	Archived	Normal	Provide the Simulation with possibility to post process IntensityData with the detector resolution function	pospelov	Sprint 26	0	03 Nov 2014 15:28	pospelov
937	Feature	Archived	Normal	Revise content and behaviour of GUI's widgetbox for standard samples	pospelov	Sprint 26	0	21 Jan 2015 17:25	pospelov
942	Documentation	Archived	Normal	Write release 1.0.0 news letter for extended mailing list		Sprint 26	0	02 Feb 2015 10:06	pospelov
944	Documentation	Archived	Normal	Drupal: add small gallery on Welcome page	pospelov	Sprint 26	0	02 Feb 2015 10:16	pospelov
946	Documentation	Archived	Normal	Drupal: write how to get help and how to request a new feature in FAQ section		Sprint 26	0	02 Feb 2015 10:26	pospelov
949	Documentation	Archived	Normal	Drupal: implement tracking of BornAgain downloads number in Google Analytics	pospelov	Sprint 26	0	03 Feb 2015 09:24	pospelov
950	Refactoring	Archived	Normal	Refactor JobQueueModel to rely on standard SessionModel	pospelov	Sprint 26	0	03 Feb 2015 15:57	pospelov
951	Bug	Archived	Normal	Unit tests failing with boost-1.57	pospelov	Sprint 26	0	06 Feb 2015 16:08	pospelov
952	Documentation	Archived	Normal	Mention python gdal module in the description of the load tiff data example	ganeva	Sprint 26	0	09 Feb 2015 09:24	ganeva
956	Documentation	Archived	Normal	FormFactorTetrahedron: difference in equations in .cpp file and the manual	herck	Sprint 26	0	10 Feb 2015 14:02	ganeva
965	Documentation	Archived	Normal	convert user manual to xelatex	wuttke	Sprint 26	100	17 Feb 2015 10:33	wuttke
968	Bug	Archived	Normal	Merge forked bibliography files	wuttke	Sprint 26	100	17 Feb 2015 12:55	wuttke
969	Bug	Archived	Normal	Let user manual version be same as software version	wuttke	Sprint 26	100	17 Feb 2015 13:32	wuttke
974	Bug	Archived	Normal	rename BORNAGAIN_MAN	wuttke	Sprint 26	100	18 Feb 2015 14:19	wuttke
978	Documentation	Archived	Normal	Make index for User Manual	wuttke	Sprint 26	100	19 Feb 2015 09:02	wuttke
997	Bug	Archived	Normal	GUI: progress bar shows wrong progress in the case of beam divergence	pospelov	Sprint 26	0	05 Mar 2015 11:36	pospelov
998	Bug	Archived	Normal	GUI: beam wavelength with wide gaussian distribution cause crash	pospelov	Sprint 26	0	06 Mar 2015 09:15	pospelov
999	Bug	Archived	Normal	GUI: Mouse wheel events on InstrumentView affects values in combo widgets	pospelov	Sprint 26	0	06 Mar 2015 09:17	pospelov
1000	Testing	Archived	Normal	Implement ParameterDistribution and DistributionHandler unit tests		Sprint 26	0	06 Mar 2015 11:20	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1001	Bug	Archived	Normal	GUI: Applying LogNormal distribution to inclination angle causes simulation job failure	pospelov	Sprint 26	0	06 Mar 2015 11:50	pospelov
1003	Testing	Archived	Normal	Implement LatticeBasis unit test		Sprint 26	0	06 Mar 2015 14:45	pospelov
1006	Feature	Archived	Normal	Make icon for Particle Collection in GUI	celine	Sprint 26	0	11 Mar 2015 11:33	herck
1008	Feature	Archived	Normal	Provide GUI functional test for ParticleComposition	herck	Sprint 26	0	12 Mar 2015 16:12	herck
1010	Feature	Archived	Normal	GUI: provide possibility to fix min, max intensity values while tuning parameters in RealTimeView	pospelov	Sprint 26	0	13 Mar 2015 14:01	pospelov
1011	Bug	Archived	Normal	GUI crashes at wrong formfactor parameters	pospelov	Sprint 26	0	13 Mar 2015 16:28	ganeva
1036	Feature	Archived	Normal	Implement FormFactorTruncatedCube in GUI	pospelov	Sprint 26	0	10 Apr 2015 16:59	pospelov
1038	Bug	Archived	Normal	GUI: python script generation fails for the distributed particle	pospelov	Sprint 26	0	14 Apr 2015 09:40	ganeva
1041	Bug	Archived	Normal	GUI: depth of particles cannot be negative	pospelov	Sprint 26	0	16 Apr 2015 10:13	celine
1043	Bug	Archived	Normal	Check R,T coefficients provided by SpecularSimulation class	herck	Sprint 26	0	17 Apr 2015 11:42	pospelov
1050	Bug	Rejected	Normal	GUI: Variation of lattice orientation in real time view does not work for example 'Hexagonal lattice with basis'	herck	Sprint 27	0	22 Apr 2015 13:20	herck
915	Documentation	Archived	Normal	Provide poster for Galaxi control room	ganeva	Sprint 27	0	09 Dec 2014 17:15	pospelov
957	Feature	Archived	Normal	Investigate automatic generation of meaningful docstring for PythonAPI	pospelov	Sprint 27	0	11 Feb 2015 15:18	pospelov
959	Feature	Archived	Normal	GUI: implement saving of RealTimeView content in JobModel	pospelov	Sprint 27	0	12 Feb 2015 13:15	pospelov
979	Feature	Archived	Normal	Add standard GNU options -v --version to command bornagain	pospelov	Sprint 27	0	19 Feb 2015 10:11	wuttke
996	Feature	Archived	Normal	GUI: implement export to Python in the case of beam divergence	herck	Sprint 27	0	04 Mar 2015 18:07	pospelov
1015	Feature	Archived	Normal	Implement polarized neutron scattering with beam density matrix and analyser spin filter	herck	Sprint 27	0	19 Mar 2015 11:22	herck
1040	Feature	Archived	Normal	Change angle units from radians to degrees while exporting from PyGenVisitor	herck	Sprint 27	0	14 Apr 2015 10:35	pospelov
1046	Refactoring	Archived	Normal	Replace unnecessary shared_ptr's with scoped_ptr's	herck	Sprint 27	0	21 Apr 2015 14:16	herck
1047	Bug	Archived	Normal	Release script: move MAC dmg package into 'old' directory	herck	Sprint 27	0	21 Apr 2015 17:26	herck
1048	Bug	Archived	Normal	Update release script for new user manual	herck	Sprint 27	0	21 Apr 2015 17:27	herck
1051	Feature	Archived	Normal	Implement warning sign widget in real time view	pospelov	Sprint 27	0	23 Apr 2015 11:12	pospelov
1056	Feature	Archived	Normal	Make default build to not to use system's ROOT	herck	Sprint 27	0	28 Apr 2015 13:27	pospelov
1057	Bug	Archived	Normal	GUI: run job that was 'Submit only' does not produce a plot	pospelov	Sprint 27	0	28 Apr 2015 13:50	herck
1058	Documentation	Archived	Normal	Describe how to install BornAgain on mac to user home folder	ganeva	Sprint 27	0	29 Apr 2015 11:38	ganeva
1059	Documentation	Archived	Normal	Provide poster for our building	ganeva	Sprint 27	0	29 Apr 2015 16:59	wuttke
1062	Feature	Archived	Normal	Add item in drupal's troubleshooting section explaining possible interference between BornAgain and Mantid on MacOS	pospelov	Sprint 27	0	30 Apr 2015 16:34	pospelov
1063	Feature	Archived	Normal	Add item in drupal troubleshooting section explaining conflict with previous BornAgain installation	pospelov	Sprint 27	0	04 May 2015 15:06	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1069	Bug	Archived	Normal	Crash when entering parameter out of range in sample view	pospelov	Sprint 27	0	08 May 2015 21:40	a.glavic
1074	Refactoring	Archived	Normal	Replace complex OutputData structures at low level with vector of required input/output	herck	Sprint 27	0	11 May 2015 17:30	herck
1077	Bug	Archived	Normal	Fix min, max handling for z-axis of ColorMap plot	pospelov	Sprint 27	0	12 May 2015 15:55	pospelov
1079	Bug	Archived	Normal	Fix appearance of tab with job details on JobView	pospelov	Sprint 27	0	12 May 2015 16:02	pospelov
1085	Bug	Archived	Normal	Fix crash of GUI while trying to save the project under the name containing special characters	pospelov	Sprint 27	0	13 May 2015 16:07	pospelov
1091	Bug	Archived	Normal	BORNAGAIN_APP flag does not automatically build 'App'	herck	Sprint 27	0	26 May 2015 10:44	herck
887	Feature	Archived	Normal	Windows: provide compilation of BornAgain using MSVC2013	pospelov	Sprint 28	0	06 Nov 2014 09:47	pospelov
888	Feature	Archived	Normal	Windows: consider include of python27.dll into the installer	pospelov	Sprint 28	0	07 Nov 2014 09:06	pospelov
925	Feature	Archived	Normal	Review collection of functional tests	pospelov	Sprint 28	100	13 Jan 2015 10:30	pospelov
1013	Testing	Archived	Normal	Check consistency of depth and abundance between GUI and core	herck	Sprint 28	0	17 Mar 2015 17:12	herck
1016	Testing	Archived	Normal	Implement all form factors GUI functional test	pospelov	Sprint 28	0	19 Mar 2015 17:05	pospelov
1020	Feature	Archived	Normal	Refactor GUI (and possibly core) version of Transformation to enable a distribution of position/rotation (2)	herck	Sprint 28	0	27 Mar 2015 16:26	herck
1092	Bug	Archived	Normal	BornAgain crashes when connecting ParticleCoreShell to ParticleDistribution	herck	Sprint 28	0	27 May 2015 16:45	herck
1101	Bug	Archived	Normal	Fix Python script generation (since refactorings in last release)	herck	Sprint 28	0	12 Jun 2015 14:30	herck
1105	Feature	Archived	Normal	Provide captcha for Drupal site	herck	Sprint 28	0	21 Jun 2015 23:04	herck
1106	Bug	Archived	Normal	Fix GUI example	herck	Sprint 28	0	23 Jun 2015 12:53	herck
1107	Feature	Archived	Normal	Rename 'Transformation' in GUI when only a rotation is meant	herck	Sprint 28	0	23 Jun 2015 13:02	herck
1108	Bug	Archived	Normal	GUI Crash when inserting Distributed Particle in 'Rotated pyramids' example	herck	Sprint 28	0	23 Jun 2015 14:45	herck
1111	Feature	Archived	Normal	Implement DetectorResolution in python script generator	pospelov	Sprint 28	0	26 Jun 2015 16:35	pospelov
1112	Bug	Archived	Normal	Validate domain/GUI/domain conversion of samples with two types of distributed particles	pospelov	Sprint 28	0	26 Jun 2015 16:43	pospelov
1114	Bug	Archived	Normal	New functional test PySuite/RectParaCrystal is failing	pospelov	Sprint 28	0	29 Jun 2015 11:14	pospelov
1115	Bug	Archived	Normal	New functional test ParticlesInSCCA is failing	pospelov	Sprint 28	100	29 Jun 2015 11:43	pospelov
1117	Bug	Archived	Normal	Implement GUI/PyScript functional tests for 2D para crystal and various FTDististributions function		Sprint 28	0	02 Jul 2015 09:33	pospelov
1118	Bug	Archived	Normal	Implement partial loading from BornAgain-1.2 project files to current 1.3	pospelov	Sprint 28	0	02 Jul 2015 09:40	pospelov
1121	Refactoring	Archived	Normal	Remove position/rotation from ParticleDistribution	herck	Sprint 28	0	02 Jul 2015 10:30	herck
1122	Testing	Archived	Normal	Provide functional tests to validate particles rotation and positioning	pospelov	Sprint 28	0	07 Jul 2015 10:21	pospelov
1132	Documentation	Archived	Normal	Drupal: describe particle positioning	pospelov	Sprint 28	0	15 Jul 2015 17:28	pospelov
1133	Documentation	Archived	Normal	Drupal: describe particle rotation	pospelov	Sprint 28	0	15 Jul 2015 17:28	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1134	Documentation	Archived	Normal	Drupal: describe complex shapes via particle composition	pospelov	Sprint 28	0	15 Jul 2015 17:28	pospelov
1137	Documentation	Archived	Normal	Drupal: update installation instructions, tutorials for coming release 1.3	pospelov	Sprint 28	0	17 Jul 2015 10:27	pospelov
1140	Feature	Archived	Normal	Write intensity output file (.int) as matrix having the same dimensions as the intensity array	herck	Sprint 28	0	17 Jul 2015 13:38	herck
1158	Bug	Rejected	Normal	many checks fail (1.3.0)	herck	Sprint 29	0	10 Aug 2015 14:59	sbusch
619	Refactoring	Archived	Normal	Masked simulation doesn't use all threads all the time	pospelov	Sprint 29	0	24 Feb 2014 08:49	pospelov
922	Feature	Archived	Normal	Add slicing to IntensityDataFunctions	pospelov	Sprint 29	0	08 Jan 2015 16:47	ganeva
948	Feature	Archived	Normal	Implement new IntensityData object with improved usability	pospelov	Sprint 29	0	02 Feb 2015 11:05	pospelov
1055	Feature	Archived	Normal	Implement Genetic minimizer to get rid from ROOT dependency	pospelov	Sprint 29	0	28 Apr 2015 13:25	pospelov
1064	Refactoring	Archived	Normal	Get rid of "pylab" in Python scripts	pospelov	Sprint 29	0	07 May 2015 14:46	wuttke
1081	Feature	Archived	Normal	GUI: provide export of simulation results into tiff file	pospelov	Sprint 29	0	12 May 2015 16:06	pospelov
1083	Bug	Archived	Normal	Trivial MultiLayer samples (no roughness, no particles) cause simulation crash.	herck	Sprint 29	0	12 May 2015 16:26	pospelov
1095	Feature	Archived	Normal	Implement rectangular (real space) detector	herck	Sprint 29	0	28 May 2015 13:59	herck
1099	Feature	Archived	Normal	Repair fitting with masks	pospelov	Sprint 29	0	10 Jun 2015 13:39	pospelov
1136	Bug	Archived	Normal	Numerical instability at phi_f=0 on MacOS for Pyramid based form factors	herck	Sprint 29	0	17 Jul 2015 10:12	pospelov
1152	Bug	Archived	Normal	In Real Time Activity view, negative positions cannot be achieved	herck	Sprint 29	0	06 Aug 2015 10:33	herck
1157	Bug	Archived	Normal	Qt dependency is not mentioned in INSTALL	pospelov	Sprint 29	0	10 Aug 2015 13:15	sbusch
1167	Bug	Archived	Normal	GUI crash when showing projection	herck	Sprint 29	0	13 Aug 2015 13:44	herck
1171	Bug	Archived	Normal	GUI: make thickness disabled for air and substrate layers	pospelov	Sprint 29	0	28 Aug 2015 13:52	pospelov
1173	Bug	Archived	Normal	Revise ParticleDistribution base class	herck	Sprint 29	0	02 Sep 2015 14:24	pospelov
1176	Documentation	Archived	Normal	Drupal: update installation instructions, tutorials for coming release 1.4	pospelov	Sprint 29	0	03 Sep 2015 10:40	pospelov
1179	Feature	Archived	Normal	GUI: provide export of simulation results into text file (*.int)	pospelov	Sprint 29	0	14 Sep 2015 11:43	pospelov
1181	Documentation	Archived	Normal	Drupal: provide fitting example along slices	pospelov	Sprint 29	0	14 Sep 2015 13:16	pospelov
1182	Documentation	Archived	Normal	Drupal: provide fitting example with simultaneous fit of two datasets	pospelov	Sprint 29	0	14 Sep 2015 13:17	pospelov
1186	Feature	Archived	Normal	Implement tiff import/export in kernel	pospelov	Sprint 29	0	16 Sep 2015 10:15	pospelov
1198	Bug	Archived	Normal	GUI: fix simulation for particle distributions and negative z coordinate	herck	Sprint 29	0	06 Oct 2015 10:25	pospelov
1212	Bug	Archived	Normal	Windows: modify installer to prepend BornAgain location to system PATH instead of appending to it	pospelov	Sprint 29	0	15 Oct 2015 09:32	pospelov
1215	Bug	Archived	Normal	Repair wrong usage of double_epsilon in Core	herck	Sprint 29	0	20 Oct 2015 10:25	herck
1216	Bug	Archived	Normal	GUI: normalization of intensity	herck	Sprint 29	0	20 Oct 2015 17:34	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1223	Bug	Archived	Normal	FormFactorTruncatedCube instability under MacOS	herck	Sprint 29	0	28 Oct 2015 16:02	pospelov
1264	Refactoring	Rejected	Normal	Refactor ParameterizedItem's different naming schemes		Sprint 30	0	22 Dec 2015 15:05	herck
1271	Refactoring	Rejected	Normal	Investigate necessity of having a separate list for subitems and refactor accordingly	herck	Sprint 30	0	08 Jan 2016 16:03	herck
1035	Feature	Archived	Normal	Revise IFormFactor::getRadius and IFormFactor::getHeight	herck	Sprint 30	0	10 Apr 2015 16:59	pospelov
1045	Feature	Archived	Normal	Use interference funtion's properties to set total particle surface density	herck	Sprint 30	0	17 Apr 2015 15:10	herck
1061	Refactoring	Archived	Normal	describe or remove morphology mode	herck	Sprint 30	0	29 Apr 2015 17:35	wuttke
1148	Feature	Archived	Normal	MacOS: provide generation of dmg installer using Qt5.5	pospelov	Sprint 30	0	31 Jul 2015 11:48	pospelov
1149	Feature	Archived	Normal	MacOS: provide Maverick compilation using MacMini and vagrant	pospelov	Sprint 30	0	31 Jul 2015 11:53	pospelov
1211	Feature	Archived	Normal	Switch to C++-11 for the whole project	herck	Sprint 30	0	12 Oct 2015 09:47	pospelov
1213	Feature	Archived	Normal	Implement choice of detector in GUI	pospelov	Sprint 30	0	16 Oct 2015 16:17	herck
1230	Feature	Archived	Normal	GUI mask editor: implement mask editor basic functionality	pospelov	Sprint 30	0	02 Nov 2015 17:01	pospelov
1231	Feature	Archived	Normal	GUI mask editor: integrate mask editor into InstrumentView	pospelov	Sprint 30	0	02 Nov 2015 17:01	pospelov
1232	Feature	Archived	Normal	GUI mask editor: provide transform from C++ domain to GUI domain	pospelov	Sprint 30	0	02 Nov 2015 17:02	pospelov
1233	Feature	Archived	Normal	GUI mask editor: provide transform from C++ domain to python domain	pospelov	Sprint 30	0	02 Nov 2015 17:02	pospelov
1234	Feature	Archived	Normal	GUI mask editor: provide functional tests for all 3 domains	pospelov	Sprint 30	0	02 Nov 2015 17:03	pospelov
1235	Feature	Archived	Normal	GUI mask editor: integrate IntensityData widget into GraphicsScene	pospelov	Sprint 30	0	03 Nov 2015 09:26	pospelov
1236	Refactoring	Archived	Normal	Clean up remote git branches	herck	Sprint 30	0	03 Nov 2015 13:15	herck
1237	Refactoring	Archived	Normal	GUI: generate distributed parameter names from GUI sample model instead of core model	herck	Sprint 30	0	03 Nov 2015 14:23	herck
1246	Feature	Archived	Normal	Investigate refactoring of ParameterizedItem structure	herck	Sprint 30	100	20 Nov 2015 11:08	herck
1259	Feature	Archived	Normal	Add 1D lattice interference function to GUI	herck	Sprint 30	0	10 Dec 2015 11:40	herck
1260	Feature	Archived	Normal	Windows: installer should create PYTHONPATH environment variable in system scope and not in user scope	pospelov	Sprint 30	0	15 Dec 2015 10:19	pospelov
1265	Refactoring	Archived	Normal	Refactor RectangularDetector API to correspond with the tutorial	pospelov	Sprint 30	0	23 Dec 2015 15:19	pospelov
1266	Feature	Archived	Normal	GUI: Implement collapsable Accordion widget	david	Sprint 30	0	05 Jan 2016 14:46	david
1267	Feature	Archived	Normal	GUI: implement update online notification widget	david	Sprint 30	0	08 Jan 2016 14:17	pospelov
1268	Refactoring	Archived	Normal	Change phi angle convention	herck	Sprint 30	0	08 Jan 2016 14:21	pospelov
1270	Refactoring	Archived	Normal	Clarify and refactor different naming properties of ParameterizedItem	herck	Sprint 30	0	08 Jan 2016 16:01	herck
1272	Feature	Archived	Normal	GUI: provide run of the fitting in GUI thread	david	Sprint 30	0	11 Jan 2016 17:31	pospelov
1275	Feature	Archived	Normal	Provide rectangle detector examples and functional tests	pospelov	Sprint 30	0	12 Jan 2016 14:13	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1276	Bug	Archived	Normal	Fix thread concurrency while repoorting progress update in DWBASimulation	david	Sprint 30	0	12 Jan 2016 16:05	david
1278	Refactoring	Archived	Normal	Deprecated declarations by compiling on new systems	herck	Sprint 30	0	13 Jan 2016 10:04	ganeva
1297	Bug	Archived	Normal	Reading ASCII intensity files not culture invariant	herck	Sprint 30	0	02 Feb 2016 15:49	david
1298	Bug	Archived	Normal	Mac os x: BornAgain.app crashes (cannot load the QtNetwork library)	pospelov	Sprint 30	0	02 Feb 2016 16:43	ganeva
1302	Bug	Archived	Normal	Script updates following API change	herck	Sprint 30	0	02 Feb 2016 19:41	wuttke
1303	Bug	Archived	Normal	Functional test montecarlo_integration.py fails	herck	Sprint 30	0	03 Feb 2016 10:26	ganeva
1113	Bug	Rejected	Normal	GUI: python script view is not updating while selecting different multilayers		Sprint 31	0	26 Jun 2015 16:46	pospelov
1305	Feature	Rejected	Normal	GUI: Make real time simulation aware of current zoom level to speed up the performance		Sprint 31	0	05 Feb 2016 15:07	pospelov
335	Feature	Archived	Normal	Check Python 3 compatibility		Sprint 31	0	23 Jul 2013 09:49	pospelov
1075	Feature	Archived	Normal	Cone6 form factor -> analytic	wuttke	Sprint 31	100	12 May 2015 10:29	wuttke
1084	Bug	Archived	Normal	MultiLayer samples with roughness (and without particles) report wrong progress to the GUI's progress bar	pospelov	Sprint 31	0	12 May 2015 16:27	pospelov
1180	Feature	Archived	Normal	GUI: refactor material editor to make select/cancel behavior less confusing	pospelov	Sprint 31	0	14 Sep 2015 13:13	pospelov
1217	Refactoring	Archived	Normal	Cleanup App directory from all obsolete code	wuttke	Sprint 31	0	21 Oct 2015 10:28	pospelov
1245	Feature	Archived	Normal	Investigate alternative Python API generation (for c++11)	jmfisher	Sprint 31	0	11 Nov 2015 10:15	herck
1258	Refactoring	Archived	Normal	GUI: move XML related methods outside of the SessionModel	david	Sprint 31	0	10 Dec 2015 09:55	pospelov
1262	Documentation	Archived	Normal	Fix IsGISAXS references in form factor section	wuttke	Sprint 31	0	21 Dec 2015 11:34	herck
1269	Documentation	Archived	Normal	Update documentation for new phi angle definition	herck	Sprint 31	0	08 Jan 2016 14:21	pospelov
1274	Bug	Archived	Normal	GUI: rotated ellipse in MaskEditor is wrongly propagated to domain	herck	Sprint 31	0	12 Jan 2016 13:10	pospelov
1280	Documentation	Archived	Normal	draw tetrahedron as seen from -x	wuttke	Sprint 31	0	20 Jan 2016 16:08	wuttke
1281	Feature	Archived	Normal	GUI: provide widget for fit parameters settings	david	Sprint 31	0	22 Jan 2016 13:53	pospelov
1294	Bug	Archived	Normal	provide substantial unit tests for factor computations	wuttke	Sprint 31	100	02 Feb 2016 14:27	wuttke
1295	Refactoring	Archived	Normal	remove 'inc/ and 'src/' directory level		Sprint 31	0	02 Feb 2016 14:46	wuttke
1296	Refactoring	Archived	Normal	update internal information about performance tests		Sprint 31	0	02 Feb 2016 15:02	wuttke
1333	Refactoring	Archived	Normal	MSC switches hopefully obsolete	herck	Sprint 31	0	11 Feb 2016 14:48	wuttke
1334	Refactoring	Archived	Normal	Core: remove ProgramOptions from the simulation	pospelov	Sprint 31	0	11 Feb 2016 17:32	pospelov
1338	Bug	Archived	Normal	Crash while saving certain project file	herck	Sprint 31	0	17 Feb 2016 10:21	pospelov
1342	Feature	Archived	Normal	GUI: add Monte-Carlo integration option in the simulation	pospelov	Sprint 31	0	18 Feb 2016 17:30	pospelov
1343	Bug	Archived	Normal	GUI: online update notifier is not working	pospelov	Sprint 31	0	19 Feb 2016 13:28	pospelov
1345	Testing	Archived	Normal	Vagrant: Provide Win10 Vagrant box running on build server	herck	Sprint 31	0	19 Feb 2016 13:31	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1346	Testing	Archived	Normal	Winbuild: Provide GSL/Cmake based compilation uder MSVC 2015	herck	Sprint 31	0	19 Feb 2016 13:33	pospelov
1347	Testing	Archived	Normal	Winbuild: Provide compilation of BornAgain in MSVC 2015 Community edition (64bits, Python2 and 3)	herck	Sprint 31	70	19 Feb 2016 13:36	pospelov
1350	Configuration	Archived	Normal	Buildbot: provide set of configurations for buildbot-based BornAgain's builds	herck	Sprint 31	0	19 Feb 2016 13:46	pospelov
1352	Refactoring	Archived	Normal	GUI: refactor SessionModel and ParameterizedItem	david	Sprint 31	0	19 Feb 2016 16:32	pospelov
1353	Refactoring	Archived	Normal	GUI: refactor AwesomePropertyEditor to rely on new GUI model	pospelov	Sprint 31	0	19 Feb 2016 16:32	pospelov
1358	Bug	Archived	Normal	for complex vector3D, functions mag() and mag2() should return a real, not a complex number	wuttke	Sprint 31	0	01 Mar 2016 19:17	wuttke
1365	Feature	Archived	Normal	Replace old ./App based performance test machinery with new one	jmfisher	Sprint 31	0	04 Mar 2016 13:43	pospelov
1367	Bug	Archived	Normal	Fix python bindings to make fitting example FitAlongSlices working		Sprint 31	0	07 Mar 2016 15:47	pospelov
1370	Bug	Archived	Normal	Fix numerous "features" introduced by latest major GUI refactoring	pospelov	Sprint 31	0	08 Mar 2016 17:24	pospelov
1387	Feature	Archived	Normal	GUI: finalize FitWidget	david	Sprint 31	0	18 Mar 2016 16:08	pospelov
1388	Feature	Archived	Normal	GUI: refactor RealTimeActivity		Sprint 31	0	18 Mar 2016 16:10	pospelov
1400	Documentation	Archived	Normal	blender: paint dodecahedron and icosahedron	pospelov	Sprint 31	0	07 Apr 2016 12:07	wuttke
1405	Bug	Archived	Normal	Implementation error in MultiLayerRoughnessDWBASimulation	herck	Sprint 31	0	13 Apr 2016 13:55	herck
1408	Feature	Archived	Normal	GUI: refactor/beautify/finalize FitWidget	pospelov	Sprint 31	50	14 Apr 2016 15:53	pospelov
1409	Feature	Archived	Normal	accelerate Ripple1	wuttke	Sprint 31	100	15 Apr 2016 16:57	wuttke
1413	Bug	Archived	Normal	polyhedra won't react to ex-post parameter variation	wuttke	Sprint 31	0	18 Apr 2016 20:05	wuttke
1427	Feature	Archived	Normal	Implement new roughness calculation that is more stable for large roughness	herck	Sprint 31	0	04 May 2016 14:18	herck
1429	Bug	Archived	Normal	Unit tests files are not shown in Qt Creator IDE	wuttke	Sprint 31	100	11 May 2016 08:48	pospelov
1436	Bug	Archived	Normal	repair ex06_Miscellaneous/AccessingSimulationResults.py: type object 'Histogram' has no attribute 'AVERAGE'	pospelov	Sprint 31	0	30 May 2016 13:19	wuttke
1455	Bug	Archived	Normal	RuntimeError if CrossCorrLength=0	herck	Sprint 31	0	07 Jun 2016 16:49	ganeva
1465	Bug	Archived	Normal	Repair MacOS cmake machinery	ganeva	Sprint 31	0	13 Jun 2016 22:26	pospelov
1470	Bug	Archived	Normal	Revise all README's in BornAgain source directory.	wuttke	Sprint 31	0	17 Jun 2016 09:14	pospelov
1472	Refactoring	Archived	Normal	Introduce additional template parameter for IFactory to be able to use QString as a key	herck	Sprint 31	0	20 Jun 2016 14:05	pospelov
1478	Feature	Resolved	Normal	Refactor FitParameterLinked to provide simultaneous fit of several sample parameters	pospelov	Sprint 33	0	27 Jun 2016 10:42	pospelov
1484	Refactoring	Resolved	Normal	GUI: refactor InstrumentItem and DetectorItem	pospelov	Sprint 33	0	01 Jul 2016 13:46	pospelov
1485	Refactoring	Resolved	Normal	GUI: refactor InstrumentView	pospelov	Sprint 33	0	01 Jul 2016 13:46	pospelov
1490	Refactoring	Resolved	Normal	GUI: refactor JobView and IntensityData widgets	pospelov	Sprint 33	0	01 Jul 2016 13:48	pospelov
1492	Refactoring	Resolved	Normal	GUI: Unify WarningSignWidget usage across the whole project	pospelov	Sprint 33	0	01 Jul 2016 13:49	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1562	Feature	Resolved	Normal	Provide ISample with possibility to export parameter tree in Python dictionary	pospelov	Sprint 33	0	03 Aug 2016 08:26	pospelov
1623	Refactoring	Resolved	Normal	Parameter name translation (GUI -> domain)	pospelov	Sprint 33	0	02 Nov 2016 15:45	herck
1624	Feature	Resolved	Normal	Make all reasonable parameter values into fittable parameter	pospelov	Sprint 33	0	02 Nov 2016 15:47	herck
1633	Bug	Resolved	Normal	Possible memory leakage in LayerStrategyBuilder.	herck	Sprint 33	0	11 Nov 2016 14:42	pospelov
1639	Bug	Resolved	Normal	GUI: crash if fitting parameter removed	herck	Sprint 33	0	14 Nov 2016 17:56	ganeva
1641	Bug	Resolved	Normal	histogram2d test fails under certain configurations	pospelov	Sprint 33	0	16 Nov 2016 10:32	jmfisher
1652	Refactoring	Resolved	Normal	Sort namespaces, and provide Doxygen comments	wuttke	Sprint 33	0	20 Nov 2016 10:41	wuttke
1653	Feature	Resolved	Normal	Outcome of BornAgain user meetings in November		Sprint 33	0	20 Nov 2016 13:55	pospelov
1658	Bug	Resolved	Normal	add qt5-svg as a dependency		Sprint 33	0	22 Nov 2016 09:31	jmfisher
1659	Refactoring	Resolved	Normal	rename PixelMap -> Pixel	herck	Sprint 33	0	22 Nov 2016 10:01	wuttke
1660	Refactoring	Resolved	Normal	remove global functions	wuttke	Sprint 33	0	22 Nov 2016 10:33	wuttke
1661	Bug	Resolved	Normal	FitSuite doesn't know about TestMinimizer	pospelov	Sprint 33	0	22 Nov 2016 15:16	pospelov
1662	Bug	Resolved	Normal	CMake: require Qt version 5.4		Sprint 33	0	22 Nov 2016 15:53	pospelov
1664	Bug	Resolved	Normal	FitSuite.runFit() crashes with unclear error message	herck	Sprint 33	0	23 Nov 2016 11:02	herck
1667	Feature	Resolved	Normal	Read DESY/dpdak tiff files to BornAgain GUI		Sprint 33	100	24 Nov 2016 10:06	ganeva
1669	Feature	Resolved	Normal	Allow for multiple form factors (dwba or not) in FromFactorWrapper and rename accordingly	herck	Sprint 33	0	24 Nov 2016 11:27	herck
1670	Feature	Resolved	Normal	Provide interface for adding particle shapes in different layers that are to be treated coherently (at fix relative position)	herck	Sprint 33	0	24 Nov 2016 11:28	herck
1671	Feature	Resolved	Normal	Provide automatic splitting of particle shapes when they cross a layer interface	herck	Sprint 33	0	24 Nov 2016 11:29	herck
1672	Feature	Resolved	Normal	Implement subdivision of a layer into multiple layers for graded interface calculations	herck	Sprint 33	0	24 Nov 2016 11:30	herck
1674	Bug	Resolved	Normal	Possible bug introduced in Polygon in Python context	pospelov	Sprint 33	0	24 Nov 2016 14:34	pospelov
1681	Bug	Resolved	Normal	Fitting GUI: free parameter error	pospelov	Sprint 33	0	25 Nov 2016 12:32	ganeva
1683	Feature	Resolved	Normal	GUI: provide persistence of plot settings (interpolation, color scale, ...)	pospelov	Sprint 33	0	28 Nov 2016 14:16	herck
1687	Bug	Resolved	Normal	LMA is incorrectly normalized	herck	Sprint 33	0	28 Nov 2016 15:45	herck
1692	Bug	Resolved	Normal	GUI and Py: simulation crash when sample contains undefined material	pospelov	Sprint 33	0	01 Dec 2016 09:33	pospelov
1696	Feature	Resolved	Normal	GUI: Improve drag-and-drop construction of a MultiLayer.	herck	Sprint 33	0	01 Dec 2016 13:53	wuttke
1702	Feature	Resolved	Normal	Fit: Provide extended print output for fit parameters during iterations.	pospelov	Sprint 33	0	01 Dec 2016 14:35	wuttke
1729	Configuration	Resolved	Normal	Fix centos7 CI build on buildbot	herck	Sprint 33	0	06 Dec 2016 16:54	herck
1730	Refactoring	Resolved	Normal	Refactor ICompositeSample hierarchy	pospelov	Sprint 33	0	06 Dec 2016 17:44	pospelov

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1745	Bug	Resolved	Normal	GUI: resolution function for spherical detector doesn't affect simulation.	pospelov	Sprint 33	0	12 Jan 2017 17:26	pospelov
1753	Feature	Resolved	Normal	Create specular peak user example and functional test.	herck	Sprint 33	0	19 Jan 2017 12:10	pospelov
1763	Feature	Resolved	Normal	Revise ParameterDistribution constructors and exceptions	pospelov	Sprint 33	0	01 Feb 2017 20:26	pospelov
1769	Feature	Resolved	Normal	support TIFF data from A. Nent		Sprint 33	0	21 Feb 2017 12:22	wuttke
1774	Feature	Resolved	Normal	Check and document best way of handling magnetic materials under rotations	herck	Sprint 33	0	06 Mar 2017 17:08	herck
1776	Bug	Resolved	Normal	SpecularSimulation gives wrong results when top layer is not vacuum	herck	Sprint 33	0	13 Mar 2017 13:15	herck
1782	Feature	Resolved	Normal	GUI: provide restore project on GUI crash	pospelov	Sprint 33	0	22 Mar 2017 15:14	pospelov
1784	Refactoring	Resolved	Normal	Clean up code after implementation of graded layer approximation	herck	Sprint 33	0	27 Mar 2017 13:15	herck
1785	Feature	Resolved	Normal	Add graded layer approximation to GUI	herck	Sprint 33	0	27 Mar 2017 17:51	herck
1787	Feature	Resolved	Normal	Include option for specular peak in GUI	herck	Sprint 33	0	30 Mar 2017 15:17	herck
1789	Bug	Resolved	Normal	GUI: axes range of color map	pospelov	Sprint 33	0	06 Apr 2017 08:31	ganeva
1496	Configuration	Rejected	Normal	Switch Windows10 buildslave from virtual box to vagrant box	herck	Sprint 33	0	01 Jul 2016 13:56	herck
1759	Bug	Rejected	Normal	GUI: sample script view shows false warnings		Sprint 33	0	26 Jan 2017 09:47	pospelov
1131	Documentation	Resolved	Normal	Create tutorial explaining interference function parameterization	pospelov	Sprint 34	0	15 Jul 2015 17:27	pospelov

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