

## BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2507	Refactoring	Resolved	Normal	Device/InputOutput: simplify			wuttke	11 Dec 2020 18:00
2499	Feature	Rejected	Normal	GUI: Is it necessary to add licence texts in the "about" dialog?			mpuchner	27 Nov 2020 12:33
2495	Refactoring	Resolved	Normal	move all Python formatting to Core/Export			wuttke	25 Nov 2020 23:14
2493	Refactoring	Resolved	Normal	Core: get rid of OrderedMap			wuttke	28 Nov 2020 21:19
2475	Refactoring	Rejected	Normal	Parameterization: BaseMaterialImpl: typeId			wuttke	18 Sep 2020 19:46
2453	Feature	Rejected	Normal	Provide a tarball generation in Travis builds			pospelov	24 Jun 2020 14:35
2452	Feature	Rejected	Normal	Provide MacOS installer generation in Travis builds			pospelov	24 Jun 2020 14:37
2451	Feature	Rejected	Normal	Provide Windows installer generation in Appveyor builds			pospelov	24 Jun 2020 14:38
2445	Feature	Resolved	Normal	GUI: fix fancy toolbars under Linux		Sprint 43	pospelov	02 Jun 2020 08:51
2444	Feature	Rejected	Normal	Provide a nice-to-have list toward more pythonic BornAgain PythonAPI		v2.0	pospelov	25 Jun 2020 15:47
2440	Feature	Rejected	Normal	TO DISCUSS: Core: Run static code analyzer once			pospelov	21 Sep 2020 12:49
2434	Refactoring	Rejected	Normal	Update file header everywhere			pospelov	15 Jun 2020 15:50
2423	Feature	Rejected	Normal	Core: add posterior normalization for reflectivity curves			dmitry	02 Nov 2020 13:09
2405	Refactoring	Rejected	Normal	Simplify IterationStrategy and related classes			dmitry	18 Sep 2020 20:11
2387	Refactoring	Rejected	Normal	Rename "OffSpecularConverter"			wuttke	18 Sep 2020 11:19
2386	Refactoring	Rejected	Normal	why not "ISimulation" instead of "Simulation"?			wuttke	18 Sep 2020 11:22
2375	Bug	Rejected	Normal	fit along slices example fails to converge			dmitry	18 Sep 2020 15:59
2371	Bug	Rejected	Normal	Ctrl+S doesn't work for saving project on win		Sprint 41	dmitry	25 Jul 2019 10:50
2369	Refactoring	Rejected	Normal	rename ThirdParty/Fit/RootMinimizers			wuttke	18 Sep 2020 11:32
2362	Bug	Rejected	Normal	GUI: can neither quit, nor cancel an endless job			wuttke	18 Sep 2020 15:48
2358	Feature	Resolved	Normal	Save/read reflectometry data/simulation in consistent units			juan	18 Sep 2020 19:18
2352	Feature	Rejected	Normal	Provide means to save real-space view as image (or animation?)			wuttke	14 May 2019 11:45
2351	Feature	Rejected	Normal	nomenclature: find better term than "interference" for lattices or correlation functions			wuttke	18 Sep 2020 11:32
2348	Bug	Resolved	Normal	Example: In python examples, enforce color coding of our choice			wuttke	23 Nov 2020 17:14
2345	Testing	Rejected	Normal	Unit test for loading Reflectometry ASCII data			juan	18 Sep 2020 19:28
2332	Bug	Rejected	Normal	GUI: artifacts in real data during work			Uliana_Koneva	22 Sep 2020 14:16
2328	Bug	Rejected	Normal	Crashing during GISAS fitting		Sprint 41	dmitry	06 May 2019 12:37
2324	Bug	Rejected	Normal	Save to TIFF is broken		Sprint 41	dmitry	25 Jul 2019 10:16
2318	Feature	Rejected	Normal	GUI: rotate imported 2D dataset			ganeva	05 Mar 2019 10:23
2317	Feature	Rejected	Normal	GUI: relax extension constraints for 2D data import			ganeva	05 Mar 2019 10:24

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2302	Feature	Rejected	Normal	Provide form factor for hexagon-based twisted pyramid			ganeva	24 Jun 2020 18:17
2276	Support	Rejected	Normal	TO MOVE: Provide simulation of mpnc sample for DESY			pospelov	21 Sep 2020 12:47
2272	Bug	Rejected	Normal	Reports from the school: coefficients are not scalar bug.			pospelov	18 Sep 2020 20:37
2271	Feature	Rejected	Normal	Provide units Angstroms in import 1D data widget			pospelov	18 Sep 2020 19:18
2268	Bug	Rejected	Normal	Sometimes parameter values are reset when they go out of focus		Sprint 40	herck	20 Feb 2019 13:57
2252	Configuration	Rejected	Normal	Investigate the possibility to use different versions of shared libraries on Linux without recompilation of the code			dmitry	12 Feb 2019 15:52
2250	Documentation	Resolved	Normal	Fix doxygen documentation			dmitry	24 Jun 2020 18:16
2216	Configuration	Resolved	Normal	Remove stgz extension in BornAgainCPack.cmake			herck	18 Sep 2020 11:46
2212	Bug	Rejected	Normal	Saving 1d data in tiff format causes BornAgain to crash.			juan	18 Sep 2020 20:13
2210	Testing	Resolved	Normal	Test 1d data import on known file formats		Sprint 41	dmitry	07 May 2019 17:44
2192	Envelope task	Archived	Normal	1D data import functionality		Sprint 41	dmitry	07 May 2019 17:49
2165	Feature	Rejected	Normal	Consider disabling x,y offset in ParticleItem menu when they do not affect scattering pattern			pospelov	21 Sep 2018 10:22
2158	Documentation	Resolved	Normal	Extend website with nightly builds to accomodate for early testers			herck	24 Jun 2020 18:32
2151	Bug	Rejected	Normal	Import Intensity File - dialog opens behind BornAgain main window.			juan	07 May 2019 17:52
2145	Feature	Rejected	Normal	Enable different axis units for plots in FitObserver			herck	18 Sep 2020 23:27
2144	Documentation	Rejected	Normal	Add information on website for graded layer approximation			herck	18 Sep 2020 16:03
2136	Bug	Rejected	Normal	Memory leak			herck	22 Jan 2019 09:45
2126	Feature	Rejected	Normal	Make default fit observer for specular simulations work with several data sets			dmitry	18 Sep 2020 22:57
2121	Testing	Rejected	Normal	Consider using mutation testing			herck	18 Sep 2020 23:41
2117	Feature	Rejected	Normal	Provide buildbot configuration to test "make install" in user directory			pospelov	18 Sep 2020 22:41
2115	Feature	Resolved	Normal	Code dependencies: replace boost::filesystem by C++17 std::			pospelov	01 Dec 2020 22:29
2100	Configuration	Rejected	Normal	Make boost iostreams, zlib and bzip submodules in the project			dmitry	12 Feb 2019 16:16
2091	Bug	Rejected	Normal	Memory leak in ColorMap		Sprint 38	dmitry	25 Sep 2018 17:52
2089	Refactoring	Rejected	Normal	Extract calculation of region maps out of IComputationTerm		Sprint 38	herck	21 Jun 2018 16:47
2088	Documentation	Rejected	Normal	Website: remove links to external css			pospelov	24 Jun 2020 18:24
2084	Feature	Resolved	Normal	3D view: implement mesocrystal		Sprint 39	pospelov	06 Dec 2018 19:14
2083	Feature	Resolved	Normal	3D view: provide selective view update		Sprint 38	pospelov	31 Jul 2018 10:11
2077	Documentation	Rejected	Normal	Update ParticleDistribution tutorial			pospelov	18 Sep 2020 18:26
2073	Feature	Rejected	Normal	Define objectives for Sprint 38		Sprint 38	pospelov	27 Sep 2018 14:02
2065	Feature	Rejected	Normal	Enable roi for off-specular instrument			dmitry	18 Sep 2020 19:53
2055	Bug	Rejected	Normal	BornAgain cannot fit multiple datasets if sample is created with sample builder			dmitry	11 Dec 2018 14:35

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2052	Refactoring	Resolved	Normal	Consider switching to C++17			dmitry	24 Jun 2020 18:29
2046	Feature	Rejected	Normal	Provide defense against running Python script with wrong version of Python interpreter			pospelov	18 Sep 2020 22:39
2032	Refactoring	Resolved	Normal	Update Examples/Demos for Python3			ganeva	10 May 2019 16:53
2019	Bug	Rejected	Normal	Windows build occasionally fails		Sprint 37	dmitry	20 Mar 2018 14:33
2009	Bug	Rejected	Normal	qwindowsvistatsyle.dll cannot be found under Qt5.9.3 on windows		Sprint 37	dmitry	14 Mar 2018 10:35
2004	Documentation	Rejected	Normal	Website: style doxygen generated API to the new website			pospelov	19 Sep 2020 10:24
2003	Documentation	Resolved	Normal	Website: integrate doxygen generated API to Hugo			pospelov	19 Sep 2020 10:29
1999	Documentation	Resolved	Normal	Cleanup redmine wiki			pospelov	18 Sep 2020 18:18
1998	Bug	Rejected	Normal	Wrong number of samples displayed in distribution widget for cosine distribution		Sprint 37	dmitry	19 Mar 2018 14:42
1973	Bug	Rejected	Normal	BornAgain functional tests fail under Python 3.6		Sprint 36	dmitry	21 Feb 2018 14:56
1963	Documentation	Rejected	Normal	Website: web-link highlight in tables		Sprint 36	dmitry	16 Feb 2018 14:25
1950	Feature	Rejected	Normal	Investigate hdf5 as default format for BornAgain data files			pospelov	26 Jun 2020 16:43
1939	Refactoring	Rejected	Normal	Move the angle span from SpecularDetector1D to the beam			dmitry	23 Jan 2018 17:40
1920	Feature	Resolved	Normal	Adapt BornAgain GUI for 4k displays			pospelov	24 Jun 2020 15:31
1901	Bug	Resolved	Normal	warnings from Gtk			wuttke	18 Sep 2020 14:44
1900	Feature	Rejected	Normal	enable ^X ^C ^V ^Z ^A in GUI			wuttke	29 Nov 2017 08:53
1899	Feature	Rejected	Normal	Provide exemplary experimental data, and make them accessible from the GUI.			wuttke	08 Mar 2019 12:40
1898	Bug	Resolved	Normal	GUI: »New to BornAgain?« -> »Web docs«			wuttke	15 Jan 2018 09:46
1896	Bug	Rejected	Normal	cmake does not detect missing libboost-iostreams-dev			wuttke	21 Nov 2017 14:58
1887	Refactoring	Rejected	Normal	Switch to new signal/slot mechanism in Qt (since c++11)			herck	24 Jun 2020 18:54
1883	Bug	Rejected	Normal	Make MaterialItem create proper type of material		Sprint 36	dmitry	22 Jan 2018 09:25
1877	Feature	Rejected	Normal	Revise Utils, Helper, Assistant and Functions usage in file names			pospelov	18 Sep 2020 20:18
1873	Feature	Rejected	Normal	Consider incoherent scattering			ganeva	18 Sep 2020 23:41
1855	Feature	Resolved	Normal	Modify installation instructions for Win and MacOS to stress forthcoming Python3 transition		Sprint 36	pospelov	02 Mar 2018 14:26
1852	Documentation	Resolved	Normal	Remove Eigen3 dependency on BornAgain website before releasing		Sprint 36	herck	02 Mar 2018 13:59
1837	Documentation	Rejected	Normal	Prepare blender files for 3D form factor images rendering			pospelov	08 Oct 2018 09:07
1822	Feature	Resolved	Normal	SWIG: how to report error details from the method overloaded in Python.			pospelov	11 Dec 2017 14:32
1815	Bug	Rejected	Normal	GUI: FitView sometimes stops fit progress update		Sprint 35	pospelov	21 Sep 2017 13:17
1796	Feature	Rejected	Normal	GUI: consider adding read only property 'Volume' to the form factor			pospelov	15 Sep 2017 12:52
1794	Bug	Rejected	Normal	GUI: minimizer settings wrongly loaded from project file			pospelov	12 May 2017 15:12

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1792	Bug	Rejected	Normal	Invalid memory access in MaskGraphicsScene destructor		Sprint 34	pospelov	27 Jun 2017 16:02
1771	Feature	Resolved	Normal	GUI: create FitProjectionsWidget to compare projections of real .vs. simulated data			pospelov	18 Sep 2020 18:57
1770	Feature	Rejected	Normal	support CBF data from A. Nent			wuttke	15 Sep 2017 12:29
1769	Feature	Resolved	Normal	support TIFF data from A. Nent		Sprint 33	wuttke	07 Mar 2017 15:22
1767	Feature	Rejected	Normal	array operations for python custom form factor			jmfisher	15 Sep 2017 12:28
1759	Bug	Rejected	Normal	GUI: sample script view shows false warnings		Sprint 33	pospelov	13 Feb 2017 10:41
1752	Documentation	Archived	Normal	Create tutorial about multiple particle layouts.			pospelov	18 Sep 2020 18:43
1750	Feature	Rejected	Normal	Consider cleanup of Git repository to make it smaller in size			pospelov	18 Sep 2020 13:53
1748	Refactoring	Rejected	Normal	Consider IParameter storing the data by reference			pospelov	15 Sep 2017 12:28
1738	Feature	Rejected	Normal	Rename files and classes in Multilayer to resolve ambiguity about "Matrix"			wuttke	18 Sep 2020 17:32
1731	Refactoring	Rejected	Normal	Reduce number of TODOs in code			herck	24 Jun 2020 18:52
1722	Feature	Rejected	Normal	Core: Beyond DWBA: self-absorption correction			wuttke	02 Nov 2020 13:11
1721	Feature	Rejected	Normal	Scattered intensity should depend on beam size and sample size			wuttke	15 Sep 2017 12:27
1720	Refactoring	Rejected	Normal	Vacuum() instead of HomogeneousMaterial("Air", 0.0, 0.0)			wuttke	15 Sep 2017 12:26
1717	Bug	Rejected	Normal	Core: GISASSimulation: setBeamParameters and setDetectorParameters have opposite order of alpha, phi			wuttke	18 Sep 2020 16:33
1716	Feature	Rejected	Normal	Core: GISASSimulation::setBeamParameter: default value 0 for third parameter phi_i			wuttke	18 Sep 2020 16:49
1714	Feature	Rejected	Normal	== Enhance functionality ==			wuttke	18 Sep 2020 23:17
1713	Refactoring	Rejected	Normal	light refactoring proposals			wuttke	15 Sep 2017 12:25
1710	Documentation	Rejected	Normal	Manual: explain particle density			wuttke	18 Sep 2020 17:17
1707	Refactoring	Resolved	Normal	refactor LayerStrategyBuilder, DecoratedLayerComputation -> LayoutStrategyBuilder, DecoratedLayoutComputation			wuttke	31 Jul 2017 10:18
1703	Feature	Rejected	Normal	GUI: provide convenient way to set min,max for relative difference map.			wuttke	02 Jun 2017 16:12
1701	Feature	Rejected	Normal	import real-space sample configuration, e.g. from molecular dynamics (morphology file of IsGISAXS)			wuttke	15 Sep 2017 12:53
1700	Refactoring	Rejected	Normal	Implement FitSuite::printParameters (or ::parametersToString.)			wuttke	19 Jan 2017 10:39
1699	Feature	Rejected	Normal	functional tests: Improve MinimizerCatalogue::toString			wuttke	15 Sep 2017 12:24
1695	Feature	Rejected	Normal	GUI: Implement crash handler, and restoration of state before crash			wuttke	15 Sep 2017 12:24
1694	Feature	Rejected	Normal	GUI: Provide a way to save fitted image into the file.			wuttke	02 Jun 2017 16:13
1675	Feature	Rejected	Normal	Get rid of ctypes.addressof in PySampleBuilder		Sprint 37	pospelov	23 May 2018 15:32
1667	Feature	Resolved	Normal	Read DESY/dpdak tiff files to BornAgain GUI		Sprint 33	ganeva	06 Dec 2016 17:22
1662	Bug	Resolved	Normal	CMake: require Qt version 5.4		Sprint 33	pospelov	01 Dec 2016 14:20

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1658	Bug	Resolved	Normal	add qt5-svg as a dependency		Sprint 33	jmfisher	01 Dec 2016 13:08
1653	Feature	Resolved	Normal	Outcome of BornAgain user meetings in November		Sprint 33	pospelov	01 Dec 2016 14:41
1649	Refactoring	Resolved	Normal	Ensure consistent use of ambientMaterial			wuttke	18 Sep 2020 18:17
1645	Feature	Rejected	Normal	== Graded layer and cross-layer particles ==			wuttke	18 Sep 2020 18:17
1644	Documentation	Rejected	Normal	"User Login" block on homepage should explain _why_ to create account			wuttke	15 Sep 2017 12:37
1640	Configuration	Rejected	Normal	Doxygen generation on apps server not compatible anymore with links to API			herck	18 Sep 2020 23:28
1637	Bug	Rejected	Normal	GUI: just loaded fitting project appears as already changed			pospelov	28 Feb 2017 17:25
1632	Bug	Resolved	Normal	GUI: delete button doesn't work on MacBook for masks on ImportDataView			pospelov	22 Mar 2017 15:07
1631	Feature	Rejected	Normal	No impact of abundance optional argument in ParticleLayout addParticle method for single particle			a.glavic	18 Sep 2020 18:15
1627	Bug	Rejected	Normal	python API kvector_t missing basic operator			a.glavic	15 Sep 2017 12:22
1619	Feature	Rejected	Normal	Implement support of comma separated ASCII data in IntensityDataIOFactory::readOutputData			pospelov	18 Sep 2020 23:17
1611	Feature	Rejected	Normal	Specular peak: add option in GUI for calculating the specular peak			herck	07 Apr 2017 12:04
1606	Envelope task	Archived	Normal	=== Manual and Examples ===			wuttke	16 Nov 2016 18:01
1599	Feature	Rejected	Normal	provide another suite of functional tests: simulate on different grids, and test numeric consistence of results			wuttke	15 Sep 2017 12:21
1598	Refactoring	Rejected	Normal	decide on policy for incomplete ICompositeSample descendant constructors			wuttke	15 Sep 2017 12:21
1597	Refactoring	Rejected	Normal	One Simulation should be concerned with no more than one sample			wuttke	29 Sep 2016 11:23
1596	Refactoring	Rejected	Normal	handle variable instance names differently from fixed class names (=> split INamed)			wuttke	15 Sep 2017 12:20
1582	Refactoring	Resolved	Normal	Correct model for dense particles on surface			a.glavic	18 Sep 2020 18:13
1574	Bug	Rejected	Normal	Find the way of comfort work in Qt creator in the absence of some headers			pospelov	08 Aug 2016 08:34
1570	Refactoring	Rejected	Normal	replace parameter accessor methods getFoo() by getParameterValue("Foo")			wuttke	15 Sep 2017 12:20
1567	Refactoring	Rejected	Normal	Core: FF: API: omit »FormFactor« from particle geometry class names			wuttke	18 Sep 2020 16:44
1559	Bug	Rejected	Normal	Restore intensitydata.py functional test		Sprint32	pospelov	03 Aug 2016 09:38
1557	Refactoring	Rejected	Normal	FitParameterLinked causes weird coupling			wuttke	04 Aug 2016 13:47
1554	Feature	Rejected	Normal	provide script to update Python files upon name changes in BornAgain			wuttke	18 Sep 2020 16:48
1552	Bug	Resolved	Normal	FormFactorTrivial should have RadialExtension = 0			wuttke	09 Aug 2016 10:27
1551	Refactoring	Resolved	Normal	rename directory RootWrapper/ and files therein			wuttke	23 Sep 2016 10:43
1538	Refactoring	Rejected	Normal	AttLimits::isInRange(value) returns true for value==m_lower_limit, and false for value==m_upper_limit			wuttke	15 Sep 2017 12:17
1535	Refactoring	Rejected	Normal	rm intermediate directory 'coregui'			wuttke	11 Oct 2016 09:22
1534	Feature	Rejected	Normal	=== Parameter handling ===			wuttke	28 Nov 2018 13:22

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1533	Feature	Rejected	Normal	implement missing Python export for MesoCrystal			wuttke	29 Sep 2016 11:25
1532	Refactoring	Rejected	Normal	clarify relation of PoIDWBAMagCylinders2 and StandardSimulations/StandardSimulations.h/cpp to standard Core function tests			wuttke	15 Sep 2017 12:16
1520	Bug	Archived	Normal	GUI: global progress bar seems to be not updating		Sprint32	pospelov	11 Nov 2016 14:48
1510	Feature	Rejected	Normal	replace "Houston, we have a problem"			wuttke	12 Jul 2016 19:54
1505	Feature	Rejected	Normal	GUI: move windows menu from right-click-popup to topbar "Windows" pulldown			wuttke	12 Jul 2016 20:30
1503	Feature	Rejected	Normal	GUI: provide intuitive way to insert layer into multilayer			wuttke	21 Mar 2017 15:40
1502	Configuration	Rejected	Normal	rebase all branches after release (change release script or instructions)		Sprint32	wuttke	06 Oct 2016 16:29
1500	Configuration	Rejected	Normal	MacOS: provide vagrant test box for El Capitan			pospelov	15 Sep 2017 12:16
1497	Refactoring	Rejected	Normal	Agree on new Core directory structure and class renaming to Rename certain classes and methods.		Sprint32	pospelov	03 Aug 2016 10:19
1491	Refactoring	Rejected	Normal	GUI: improve GUI fitting performance			pospelov	15 Sep 2017 12:15
1489	Refactoring	Rejected	Normal	Build: refactor fix_apple_bundle for the production of MacOS installer			pospelov	01 Mar 2018 16:17
1482	Configuration	Rejected	Normal	Investigate forced build on buildbot, parameterized by <branch>			herck	01 Sep 2017 13:31
1481	Configuration	Rejected	Normal	Buildbot: provide tutorial how to add new build configuration: MacOS			herck	15 Sep 2017 12:15
1480	Configuration	Rejected	Normal	Buildbot: provide tutorial how to add new build configuration: Windows			herck	15 Sep 2017 12:15
1476	Refactoring	Rejected	Normal	Revise installation directory structure under Linux			ganeva	18 Sep 2020 11:49
1464	Bug	Resolved	Normal	TestCoreP unit test is failing under MacOS			pospelov	16 Jun 2016 10:14
1456	Refactoring	Rejected	Normal	Automatize update of Py Examples			wuttke	28 Nov 2016 17:05
1451	Documentation	Rejected	Normal	update to Drupal 8			wuttke	16 Nov 2016 18:04
1448	Bug	Rejected	Normal	Remove html directory from source tarball			pospelov	01 Jul 2016 12:49
1437	Documentation	Rejected	Normal	Release requirement: Update example scripts			wuttke	15 Sep 2017 11:32
1430	Refactoring	Resolved	Normal	Consider moving FormFactor unit tests to a single functional test			pospelov	17 May 2016 14:10
1423	Bug	Resolved	Normal	== eliminate warnings ==			wuttke	13 Jun 2016 13:06
1418	Refactoring	Resolved	Normal	provide cotangent, and replace division by tan(alpha) in pyramids			wuttke	29 Apr 2016 17:17
1414	Documentation	Rejected	Normal	regenerate form factor images in manual			wuttke	24 Jun 2020 18:40
1403	Bug	Resolved	Normal	absence of gsl.h not detected by cmake			wuttke	12 Apr 2016 12:42
1402	Envelope task	Archived	Normal	cmake tasks (OS independent)			wuttke	02 Jun 2016 19:08
1397	Feature	Rejected	Normal	GUI: decimals			david	29 Mar 2016 15:18
1388	Feature	Archived	Normal	GUI: refactor RealTimeActivity		Sprint 31	pospelov	04 Jul 2016 11:23
1367	Bug	Archived	Normal	Fix python bindings to make fitting example FitAlongSlices working		Sprint 31	pospelov	04 Jul 2016 11:23
1366	Refactoring	Resolved	Normal	Revise boost libraries usage			pospelov	11 May 2016 18:10

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1364	Bug	Rejected	Normal	Problems with infinite form factors			wuttke	03 Mar 2016 15:32
1363	Feature	Rejected	Normal	== Unix build ==			wuttke	16 Oct 2017 09:27
1362	Feature	Rejected	Normal	== Mac build ==			wuttke	18 Sep 2020 22:59
1361	Feature	Rejected	Normal	== Win build ==			wuttke	15 Sep 2017 12:46
1357	Refactoring	Resolved	Normal	to discuss: authorship and file headers			wuttke	21 Mar 2016 13:23
1349	Feature	Rejected	Normal	Buildbot: provide tutorial how to add new build configuration: Linux			pospelov	15 Sep 2017 12:46
1348	Configuration	Rejected	Normal	Buildbot: install agent on scgmini and attach Mavericks/Yosemite/El Capitan vagrant boxes			pospelov	01 Jul 2016 14:46
1344	Configuration	Archived	Normal	MacOS: install buildslave to macmini		Sprint32	pospelov	11 Nov 2016 14:48
1336	Bug	Resolved	Normal	GUI: fix "Settings" menu bar on MacOSX			pospelov	15 Feb 2016 13:34
1332	Refactoring	Rejected	Normal	replace Boost.Atomic by C++11 <atomic>			wuttke	15 Feb 2016 15:36
1331	Refactoring	Resolved	Normal	regenerate Python bindings after moving declaration of cvector_t, kvector_t out of Types.h.			wuttke	15 Feb 2016 15:34
1308	Feature	Rejected	Normal	GUI: take care about margins in ColorMapPlot			pospelov	01 Jul 2016 13:45
1305	Feature	Rejected	Normal	GUI: Make real time simulation aware of current zoom level to speed up the performance		Sprint 31	pospelov	13 Jun 2016 15:59
1304	Refactoring	Resolved	Normal	Unify treatment of numeric constants.			wuttke	31 Aug 2016 22:44
1296	Refactoring	Archived	Normal	update internal information about performance tests		Sprint 31	wuttke	04 Jul 2016 11:23
1295	Refactoring	Archived	Normal	remove 'inc/ and 'src/' directory level		Sprint 31	wuttke	04 Jul 2016 11:23
1286	Refactoring	Rejected	Normal	don't include each core .h file in each .pypp.cpp file			wuttke	15 Feb 2016 15:37
1284	Refactoring	Rejected	Normal	Move particle surface density to interference function instead of particle layout			herck	18 Sep 2020 18:13
1279	Documentation	Archived	Normal	Inkscape tasks			wuttke	10 May 2016 12:47
1264	Refactoring	Rejected	Normal	Refactor ParameterizedItem's different naming schemes		Sprint 30	herck	14 Jan 2016 10:17
1199	Support	Rejected	Normal	Consider implementation of partial structure factor			pospelov	18 Sep 2020 16:58
1187	Feature	Rejected	Normal	Implement 1D fitting in SpecularSimulation			pospelov	18 Sep 2020 17:32
1185	Feature	Rejected	Normal	GUI: implement Q-space detector in GUI			pospelov	15 Feb 2016 17:43
1150	Configuration	Rejected	Normal	Improve release script procedure			herck	15 Sep 2017 12:47
1139	Feature	Rejected	Normal	Py: Provide Simulation class with possibility to set vector of SimulationElements from outside			pospelov	15 Sep 2017 11:30
1135	Documentation	Resolved	Normal	Manual: describe core shell particles			pospelov	18 Sep 2020 17:03
1117	Bug	Archived	Normal	Implement GUI/PyScript functional tests for 2D para crystal and various FTDistributions function		Sprint 28	pospelov	31 Jul 2015 14:50
1113	Bug	Rejected	Normal	GUI: python script view is not updating while selecting different multilayers		Sprint 31	pospelov	23 Mar 2016 11:03
1104	Documentation	Rejected	Normal	don't use version-dependent URLs in the online docs			wuttke	31 May 2016 11:31

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1103	Feature	Rejected	Normal	extend simulation to transmission geometry (detector images with z<0)			wuttke	18 Sep 2020 17:36
1098	Documentation	Rejected	Normal	Add Python examples Interference2DLatticeSumOfRotated and TriangularRipple to Drupal			herck	15 Sep 2017 11:30
1094	Refactoring	Rejected	Normal	Remove ISample::preprocess			herck	03 Nov 2015 13:00
1089	Refactoring	Rejected	Normal	Refactor interface of evaluate(pol) of Form Factors			herck	18 Sep 2020 18:35
1080	Feature	Rejected	Normal	Provide convenient way of running/comparing jobs with same plotting style			pospelov	22 May 2015 15:12
1070	Bug	Rejected	Normal	Unix should install to /usr/local/lib, not to versioned subdirectory			wuttke	21 Jul 2016 09:54
1044	Feature	Rejected	Normal	Encode magnetization of materials instead of total magnetic induction			herck	18 Sep 2020 18:12
1031	Documentation	Rejected	Normal	Coordinate system and transformations			a.glavic	18 Sep 2020 17:04
1030	Feature	Rejected	Normal	SLD, specular and particle density			a.glavic	18 Sep 2020 18:12
1029	Feature	Rejected	Normal	ToF support in OffSpecSimulation			a.glavic	15 Sep 2017 11:29
1004	Feature	Rejected	Normal	GUI: revise tooltips in all GUI elements			pospelov	02 Jun 2017 17:08
1003	Testing	Archived	Normal	Implement LatticeBasis unit test		Sprint 26	pospelov	21 Apr 2015 17:02
1000	Testing	Archived	Normal	Implement ParameterDistribution and DistributionHandler unit tests		Sprint 26	pospelov	21 Apr 2015 17:01
995	Refactoring	Rejected	Normal	New GUI buttons are badly visible under MacOS			herck	06 Jul 2016 15:28
988	Documentation	Resolved	Normal	Reformat landscape-oriented table			wuttke	18 Sep 2020 16:56
986	Documentation	Resolved	Normal	Add (uncomment) short references to form factor pages			wuttke	18 Sep 2020 17:04
985	Documentation	Rejected	Normal	Explain convolution sign (\otimes) in User Manual			wuttke	18 Sep 2020 17:04
947	Refactoring	Rejected	Normal	Refactor DWBASimulation family			pospelov	10 Jun 2015 13:50
946	Documentation	Archived	Normal	Drupal: write how to get help and how to request a new feature in FAQ section		Sprint 26	pospelov	21 Apr 2015 17:02
945	Documentation	Rejected	Normal	Drupal: add prototype of new content to represent PythonAPI items			pospelov	14 Sep 2016 15:51
942	Documentation	Archived	Normal	Write release 1.0.0 news letter for extended mailing list		Sprint 26	pospelov	21 Apr 2015 17:02
940	Feature	Rejected	Normal	GUI: implement export to Python script			pospelov	02 Feb 2015 10:07
926	Feature	Rejected	Normal	Provide evanescent wave python example		Sprint 37	pospelov	05 Apr 2018 13:15
906	Documentation	Resolved	Normal	Update part of the user manual about SSCA approximation			ganeva	02 Feb 2015 09:53
894	Feature	Archived	Normal	GUI: create collapsible group box		Sprint 25	Anonymous	30 Jan 2015 13:31
892	Feature	Rejected	Normal	Provide BornAgain support in MacPorts			pospelov	15 Sep 2017 11:26
890	Feature	Rejected	Normal	Formfactor restrictions in fitting and distributions			ganeva	15 Sep 2017 11:26
875	Documentation	Archived	Normal	Provide content for http://gisaxs.com			herck	28 Apr 2016 11:29
854	Feature	Archived	Normal	Provide splash screen for starting GUI		Sprint 25	pospelov	30 Jan 2015 13:31
853	Feature	Rejected	Normal	Provide particles with size distribution in GUI			pospelov	28 Nov 2018 13:22
851	Feature	Archived	Normal	GUI: disable qDebug() outputs for Release build		Sprint 25	pospelov	30 Jan 2015 13:31
842	Feature	Rejected	Normal	Provide IntensityData object with helper methods to import user data			pospelov	14 Sep 2015 11:52



#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
841	Feature	Archived	Normal	Implement 'About BornAgain' widget in Menu/Help		Sprint 25	pospelov	30 Jan 2015 13:31
825	Feature	Archived	Normal	Update default behaviour of OutputDataWidget		Sprint 24	pospelov	28 Oct 2014 13:28
795	Testing	Archived	Normal	Test dmg package		Sprint 25	ganeva	30 Jan 2015 13:31
794	Feature	Resolved	Normal	Create dmg package			ganeva	02 Sep 2014 11:10
793	Feature	Rejected	Normal	Icon for BornAgain application			ganeva	16 Sep 2014 11:18
783	Feature	Archived	Normal	Design BornAgain main application icon		Sprint 25	pospelov	30 Jan 2015 13:31
767	Feature	Rejected	Normal	Add functionality into MinimizerFactory::printCatalogue.			pospelov	15 Jun 2016 10:43
747	Feature	Archived	Normal	Finalize QuickSimulationView.		Sprint 23	pospelov	28 Aug 2014 11:26
746	Feature	Archived	Normal	Refactor GUI's OutputDataWidget to disantagle projections/property editor/plot widget.		Sprint 23	pospelov	28 Aug 2014 11:26
702	Feature	Rejected	Normal	Implement position particle info equivalent in GUI		Sprint 23	pospelov	07 Aug 2014 12:48
699	Feature	Archived	Normal	Implement ParameterModel and corresponding view delegates for real time SimulationView		Sprint 22	pospelov	31 Jul 2014 16:07
698	Feature	Rejected	Normal	Fix incompatibility between integration over bin and infinite particles			herck	03 Nov 2015 13:10
696	Feature	Archived	Normal	Implement check for unsaved project and corresponding save/discard widget		Sprint 22	pospelov	31 Jul 2014 16:07
693	Feature	Rejected	Normal	Usability issues and small feature requests from first users.			pospelov	21 Jan 2015 15:13
692	Documentation	Resolved	Normal	Put manual into form that is appropriate to be cited			herck	17 Feb 2015 19:21
656	Feature	Rejected	Normal	Implement views for 1D and 2D paracrystals			pospelov	06 May 2014 17:10
632	Bug	Rejected	Normal	Strange behavior of Lattice2DIFParameters from python			pospelov	10 Mar 2014 13:58
621	Documentation	Rejected	Normal	Clean up OpenGrok code browser			pospelov	21 Jan 2015 15:16
613	Feature	Resolved	Normal	Complete correspondence between domain and GUI model objects		Sprint 21	herck	04 Jun 2014 11:25
604	Feature	Archived	Normal	Implement QStandartItemModel hierarchy		Sprint 23	herck	28 Aug 2014 11:26
602	Feature	Rejected	Normal	Provide serialization of JobModel			pospelov	25 Feb 2014 13:38
601	Feature	Rejected	Normal	=== Investigate OpenMP/MPI/GPU ===			pospelov	22 Jul 2016 09:00
599	Feature	Resolved	Normal	Extend OutputData widget with projections		Sprint 21	pospelov	15 May 2014 11:36
598	Feature	Resolved	Normal	Implement OutputData widget		Sprint 21	pospelov	08 May 2014 18:15
593	Documentation	Rejected	Normal	Write Doxygen section about Layer, MultiLayer, Roughness, Particle			pospelov	14 Apr 2014 11:07
592	Documentation	Rejected	Normal	Write Appendix section about Layer, MultiLayer, Roughness, Particle			pospelov	21 Jan 2015 15:18
583	Feature	Rejected	Normal	Implement beam divergence functional test			pospelov	21 Jan 2015 15:15
564	Testing	Archived	Normal	Implement ScalarSpecularInfoMap and MatrixSpecularInfoMap test		Sprint 19	pospelov	07 Feb 2014 16:22
563	Testing	Archived	Normal	Revise Beam unit test		Sprint 19	pospelov	07 Feb 2014 16:22
562	Testing	Archived	Normal	Implement MatrixRTCoefficients unit test		Sprint 19	pospelov	07 Feb 2014 16:22
561	Testing	Archived	Normal	Implement MathFunctions unit test		Sprint 19	pospelov	07 Feb 2014 16:22

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
560	Testing	Archived	Normal	Implement ScalarRTCoefficients unit test		Sprint 19	pospelov	07 Feb 2014 16:22
559	Testing	Archived	Normal	Implement SpecularMatrix unit test		Sprint 19	pospelov	07 Feb 2014 16:22
557	Testing	Archived	Normal	Implement OutputData<Eigen::Matrix2d> unit test		Sprint 19	pospelov	07 Feb 2014 16:23
556	Testing	Archived	Normal	Implement HomogeneousMaterial and HomogeneousMagneticMaterials unit tests		Sprint 19	pospelov	07 Feb 2014 16:23
554	Testing	Archived	Normal	Implement ParticleDecoration unit test		Sprint 19	pospelov	07 Feb 2014 16:23
551	Testing	Archived	Normal	Implement tests for AttLimits, FitParameter, FitParameterLinked		Sprint 19	Anonymous	07 Feb 2014 16:23
542	Feature	Rejected	Normal	Windows installer: check existence of BornAgain and uninstall it if exists			pospelov	15 Sep 2017 11:21
537	Testing	Archived	Normal	Create MultiLayer unit test		Sprint 19	Anonymous	07 Feb 2014 16:23
536	Testing	Archived	Normal	Create FTDistributions unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
535	Testing	Archived	Normal	Modify Particle unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
530	Testing	Archived	Normal	Create AxisBin unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
529	Testing	Archived	Normal	Create TRange unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
513	Feature	Rejected	Normal	Composition of transformations			herck	29 Jan 2014 11:10
500	Feature	Rejected	Normal	Windows installer: check presence of Python			pospelov	03 Aug 2015 16:36
496	Documentation	Rejected	Normal	Add description of the covered functionality			ganeva	21 Jan 2015 15:02
487	Documentation	Rejected	Normal	Provide screenshots for project homepage			wuttke	27 Oct 2014 10:24
474	Feature	Rejected	Normal	Implement functional test to run through all defined form factors			pospelov	19 Sep 2014 18:09
466	Bug	Rejected	Normal	Our CMake gets confused when there are boost 1.46 and 1.48 present on the system			pospelov	21 Jan 2015 15:12
464	Feature	Rejected	Normal	Investigate running TeamCity build agent on Windows server			pospelov	18 Dec 2013 16:44
455	Documentation	Archived	Normal	Add demos into Examples/python section		Sprint 17	pospelov	15 Nov 2013 13:01
445	Testing	Archived	Normal	Implement BornAgainFit unit test infrastructure		Sprint 19	pospelov	07 Feb 2014 16:23
442	Documentation	Rejected	Normal	Review SoftwareDesignOverview section			pospelov	21 Jan 2015 15:00
434	Feature	Rejected	Normal	User Requests campaign			pospelov	10 Oct 2013 14:59
433	Documentation	Rejected	Normal	Write paragraph with performance comparison IsGISAXS vs FitGISAXS vs BornAgain			pospelov	13 Apr 2016 18:36
425	Feature	Rejected	Normal	Write deployment script for Windows			pospelov	01 Aug 2014 13:58
422	Documentation	Rejected	Normal	Write page with BornAgain / IsGISAXS comparison			pospelov	13 Apr 2016 19:33
421	Testing	Rejected	Normal	Repair Performance test		Sprint 18	pospelov	22 Nov 2013 15:28
420	Feature	Rejected	Normal	Refactor BornAgainCPack by removing generator's setting in separate files			pospelov	18 Nov 2013 10:02
412	Testing	Resolved	Normal	Unit and functional tests campaign			pospelov	03 Mar 2016 14:00
409	Refactoring	Rejected	Normal	Core: remove duplicate functions "evaluate" and "evaluatePol"			herck	02 Nov 2020 13:41

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
405	Feature	Rejected	Normal	Move filepath definitions to one single class/namespace			herck	19 Dec 2013 16:06
401	Feature	Rejected	Normal	Code cleanup in widgetbox to get rid from private Qt headers			pospelov	02 Feb 2015 09:39
398	Documentation	Archived	Normal	default installation from tgz; direct only experts to git snapshot		Sprint 17	wuttke	15 Nov 2013 13:01
395	Feature	Rejected	Normal	Create rpm package			wuttke	15 Sep 2017 11:17
387	Documentation	Rejected	Normal	Provide correct calculation of detected intensity for polarization			herck	18 Sep 2020 17:09
386	Feature	Rejected	Normal	Add extra functionality for neutron polarization			herck	18 Sep 2020 16:32
380	Refactoring	Rejected	Normal	Get rid from multiple inheritance ICloneable, IParameterized			pospelov	05 Dec 2013 10:04
369	Documentation	Rejected	Normal	UserManual campaign			herck	28 Apr 2015 19:11
337	Feature	Rejected	Normal	cmake: implement CPack generation of tgz archive			pospelov	30 Jul 2013 15:31
335	Feature	Archived	Normal	Check Python 3 compatibility		Sprint 31	pospelov	04 Jul 2016 11:23
326	Feature	Resolved	Normal	Use magnetic calculation when a magnetic material is present		Sprint 15	herck	23 Aug 2013 17:09
315	Documentation	Rejected	Normal	For the sake of modern look and fill - install latest dokuwiki			pospelov	10 Sep 2013 14:08
300	Feature	Rejected	Normal	Investigate alternatives to Monte-Carlo computation of non-analytic form factors			herck	18 Sep 2020 17:11
297	Refactoring	Rejected	Normal	Refactor campaign for SampleDesigner			pospelov	02 Feb 2015 09:39
293	Feature	Rejected	Normal	Provide export of ISample object into python code creating the same object			pospelov	06 Nov 2014 10:04
292	Feature	Rejected	Normal	SampleDesigner: Provide conversion of SampleView into ISample object			pospelov	12 Feb 2014 15:53
287	Feature	Rejected	Normal	IntensityData campaign			wuttke	02 Nov 2015 22:58
285	Feature	Rejected	Normal	decide about Python binding			wuttke	15 May 2013 18:43
271	Feature	Rejected	Normal	Implement PyQt4 prototype			pospelov	04 Jul 2013 15:45
269	Testing	Rejected	Normal	PythonAPI: prepare set of C++/Python binding examples using SIP			pospelov	15 May 2013 18:43
267	Bug	Rejected	Normal	Fix stderr redirection of TestCore unit tests			herck	17 Apr 2013 11:41
262	Refactoring	Rejected	Normal	clarify semantics of INamed			wuttke	17 May 2013 14:03
254	Bug	Archived	Normal	Problem with form factor of cylinder		Sprint 12	celine	11 Apr 2013 10:04
243	Bug	Rejected	Normal	App/App produces tons of warnings			wuttke	25 Mar 2013 19:58
240	Refactoring	Rejected	Normal	Renaming campaign			wuttke	21 Jan 2015 14:59
239	Documentation	Archived	Normal	clean up redmine		Sprint 13	wuttke	11 Apr 2013 13:18
235	Documentation	Archived	Normal	Metrics for compile time and execution time			wuttke	11 Apr 2013 13:20
224	Documentation	Resolved	Normal	shut down overnight Doxygen update			wuttke	02 Apr 2013 17:33
222	Feature	Rejected	Normal	PythonAPI: provide import of OutputData class from numpy array			pospelov	03 Apr 2013 15:14
211	Refactoring	Rejected	Normal	Get rid from fixRatioBetweenParameters in parameter pool by introducing new ParticleBuilder			pospelov	10 Jan 2014 11:07
201	Documentation	Archived	Normal	insert pub/ into directory structure			wuttke	23 Mar 2013 14:11

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
199	Documentation	Archived	Normal	uniform use of "bornagain" in all project pages and URLs			wuttke	03 Apr 2013 11:03
191	Bug	Rejected	Normal	Gui: improve performance of TQtWidget in the case of CONT4Z option			pospelov	30 Jan 2014 16:11
189	Feature	Rejected	Normal	GUI: implement prototype(s), decide about architecture			pospelov	04 Jun 2014 14:21
180	Feature	Rejected	Normal	Investigate serialization of Core objects			herck	12 Feb 2014 14:24
179	Feature	Archived	Normal	Link Core library to GUI		Sprint 11	herck	18 Mar 2013 14:41
174	Feature	Rejected	Normal	Gui prototype: implement prototype of Fit window with empty docks for Fit RunInfo, Minimizer Settings, Parameters, Area selection			pospelov	04 Jun 2014 14:21
168	Refactoring	Rejected	Normal	Create class to hold Experiment, SimulationParameters and ISample			herck	29 Jan 2014 11:16
166	Documentation	Rejected	Normal	Create architectural overview documentation			herck	18 Dec 2014 16:25
165	Feature	Rejected	Normal	Implement automatic averaging over distributed parameters			herck	12 Feb 2014 14:25
158	Refactoring	Rejected	Normal	Refactor parameter pool			pospelov	04 Jun 2014 14:23
157	Documentation	Resolved	Normal	full documentation of implemented theory for para- and mesocrystals			herck	18 Sep 2020 16:56
104	Refactoring	Rejected	Normal	Restructure global data shared by App and Core			herck	24 Oct 2014 11:21
98	Feature	Rejected	Normal	Provide automatic generation of diffuse scattering particles (2)			herck	29 May 2015 19:54
91	Refactoring	Rejected	Normal	Refactoring: NamedVector subclass which holds equidistant binning			pospelov	27 Aug 2014 15:55
89	Refactoring	Rejected	Normal	Performance: collapse long IFormFactor chains			herck	18 Nov 2013 11:11
83	Refactoring	Rejected	Normal	Performance: integration over angles			herck	01 Aug 2014 17:07
82	Refactoring	Resolved	Normal	Performance: selection rules		Sprint 5	herck	05 Oct 2012 11:12
79	Feature	Resolved	Normal	Framework general: measure Eigen library performance in the view of gsl_matrix, BasicVector3D, Coordinates3D refactoring			pospelov	18 Dec 2013 17:47
78	Feature	Rejected	Normal	Code quality: insert App code in doxygen in the form of the group; remove Doc, ThirdParty from grok indexing			pospelov	19 Sep 2013 10:09
53	Feature	Archived	Normal	UI Design		Sprint 10	herck	20 Feb 2013 16:11
52	Feature	Archived	Normal	User care: write detailed how to install in wiki and in doc/readme		Sprint 4	pospelov	06 Aug 2012 09:37
42	Feature	Archived	Normal	Code browsing: Implement automatic nightly doxygen and dedicated web page		Sprint 3	pospelov	08 Oct 2013 10:02
37	Feature	Rejected	Normal	Comparison with experiment: fit sample ex001 from our database			pospelov	18 Dec 2014 16:26
34	Feature	Rejected	Normal	Implement different types of detector scans			pospelov	24 Oct 2014 10:53
32	Feature	Rejected	Normal	Implement neutron polarization (for magnetic scattering)			herck	18 Dec 2013 17:47
25	Testing	Archived	Normal	Logos version in git repository		Sprint 2	pospelov	31 May 2012 16:23
14	Feature	Resolved	Normal	Choose platform-independent build system		Sprint 16	herck	19 Sep 2013 10:17
13	Feature	Rejected	Normal	Implement parameterized shape functions and their respective form factors			herck	18 Nov 2013 11:14
2097	Refactoring	Resolved	Normal	3D view: create PrototypeController to speed up 3D view when number of particles is large	anikhalder	Sprint 38	pospelov	31 Jul 2018 10:13

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2082	Feature	Resolved	Normal	3D view: implement 1D interference function	anikhalder	Sprint 38	pospelov	15 Jun 2018 13:11
1948	Feature	Resolved	Normal	Provide fourier transformation of simulated image in GUI	anikhalder	Sprint 36	pospelov	31 Jan 2018 13:15
1941	Documentation	Resolved	Normal	Website: port Python examples section to Hugo	anikhalder	Sprint 36	pospelov	20 Feb 2018 14:41
1006	Feature	Archived	Normal	Make icon for Particle Collection in GUI	celine	Sprint 26	herck	21 Apr 2015 17:03
902	Documentation	Archived	Normal	Fill functionality overview section in Drupal	celine	Sprint 25	celine	30 Jan 2015 13:31
874	Bug	Archived	Normal	Fix undefined reference	celine	Sprint 25	herck	30 Jan 2015 13:31
837	Feature	Archived	Normal	Provide all item's properties with correct limits	celine	Sprint 24	pospelov	28 Oct 2014 13:28
691	Documentation	Archived	Normal	Provide simple cartoons for concepts that are otherwise difficult to understand	celine	Sprint 22	herck	31 Jul 2014 16:07
680	Feature	Archived	Normal	Provide ParameterizedItem's property with tooltips.	celine	Sprint 24	pospelov	28 Oct 2014 13:28
660	Documentation	Resolved	Normal	Merge theoretical sections of appendix	celine		celine	07 May 2014 15:42
618	Documentation	Resolved	Normal	Rename FormFactorParallelepiped into FormFactorBox and vice versa	celine		pospelov	25 Feb 2014 09:39
617	Documentation	Resolved	Normal	Write small explanation about DWBA in Appendix	celine		celine	27 Feb 2014 09:11
591	Documentation	Archived	Normal	Write Doxygen section about interference functions available	celine	Sprint 20	pospelov	11 Apr 2014 13:51
590	Documentation	Archived	Normal	Write Appendix section about interference functions available	celine	Sprint 20	pospelov	11 Apr 2014 13:51
589	Documentation	Archived	Normal	Reduce size in Mb of user manual	celine	Sprint 20	pospelov	11 Apr 2014 13:51
584	Documentation	Archived	Normal	Write small explanation about core shell form factor in FormFactor's Appendix	celine	Sprint 20	pospelov	11 Apr 2014 13:51
577	Support	Archived	Normal	Implement form factor of truncated cubes	celine	Sprint 26	celine	21 Apr 2015 17:02
549	Documentation	Archived	Normal	Doxygen API: review form factors description	celine	Sprint 19	pospelov	07 Feb 2014 16:23
546	Documentation	Archived	Normal	Complete Appendix with all form factors listed	celine	Sprint 19	pospelov	07 Feb 2014 16:23
538	Refactoring	Resolved	Normal	Implementation of a consistent order of variables for all form factors	celine		celine	03 Feb 2014 09:37
486	Feature	Archived	Normal	Implement/review Spheroid formfactor	celine	Sprint 19	pospelov	18 Sep 2020 18:15
485	Feature	Archived	Normal	Implement/review Anisotropic hemi-spheroid formfactor	celine	Sprint 19	pospelov	18 Sep 2020 18:15
484	Feature	Archived	Normal	Implement/review Ellipsoid formfactor	celine	Sprint 19	pospelov	18 Sep 2020 18:15
483	Feature	Archived	Normal	Implement/review Anisotropic pyramid formfactor	celine	Sprint 18	pospelov	18 Sep 2020 18:15
482	Feature	Archived	Normal	Implement/review Full spheroid formfactor	celine	Sprint 19	pospelov	18 Sep 2020 18:16
481	Feature	Archived	Normal	Implement/review Cybooctaedron formfactor	celine	Sprint 18	pospelov	18 Sep 2020 18:16
480	Feature	Archived	Normal	Implement/review Cone6 formfactor	celine	Sprint 18	pospelov	18 Sep 2020 18:16
479	Feature	Archived	Normal	Implement/review Prism6 formfactor	celine	Sprint 18	pospelov	18 Sep 2020 18:16
478	Feature	Archived	Normal	Implement/review Tethraedron formfactor	celine	Sprint 18	pospelov	18 Sep 2020 18:16
477	Feature	Archived	Normal	Implement/review Cone formfactor	celine	Sprint 18	pospelov	18 Sep 2020 18:16
457	Testing	Resolved	Normal	Implement unit tests for form factors	celine		celine	25 Mar 2014 10:11
449	Documentation	Archived	Normal	Review manual's simulation python example section to conform changes in the script itself	celine	Sprint 17	pospelov	15 Nov 2013 13:01

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
429	Documentation	Archived	Normal	Write Appendix which lists all implemented examples from Examples section	celine	Sprint 24	pospelov	28 Oct 2014 13:28
331	Documentation	Resolved	Normal	Write simple fitting example and corresponding section in the documentation	celine	Sprint 15	pospelov	26 Aug 2013 10:54
212	Documentation	Resolved	Normal	Write description of isgisaxs01 example for User Manual using latex	celine	Sprint 15	pospelov	26 Aug 2013 10:54
175	Feature	Archived	Normal	Add all IsGISAXS examples to python functional tests	celine	Sprint 11	pospelov	18 Mar 2013 14:41
1387	Feature	Archived	Normal	GUI: finalize FitWidget	david	Sprint 31	pospelov	04 Jul 2016 11:23
1374	Documentation	Resolved	Normal	Report an Refactoring SessionItem	david		david	09 Mar 2016 14:26
1352	Refactoring	Archived	Normal	GUI: refactor SessionModel and ParameterizedItem	david	Sprint 31	pospelov	04 Jul 2016 11:23
1281	Feature	Archived	Normal	GUI: provide widget for fit parameters settings	david	Sprint 31	pospelov	04 Jul 2016 11:23
1276	Bug	Archived	Normal	Fix thread concurrency while repoorting progress update in DWBASimulattion	david	Sprint 30	david	15 Feb 2016 16:01
1272	Feature	Archived	Normal	GUI: provide run of the fitting in GUI thread	david	Sprint 30	pospelov	15 Feb 2016 16:01
1267	Feature	Archived	Normal	GUI: implement update online notification widget	david	Sprint 30	pospelov	15 Feb 2016 16:01
1266	Feature	Archived	Normal	GUI: Implement collapsable Accordion widget	david	Sprint 30	david	15 Feb 2016 16:01
1258	Refactoring	Archived	Normal	GUI: move XML related methods outside of the SessionModel	david	Sprint 31	pospelov	04 Jul 2016 11:23
2413	Feature	Resolved	Normal	Enable polarized reflectometry	dmitry		dmitry	20 Nov 2019 14:12
2412	Feature	Resolved	Normal	Adapt computation engine for polarized ToF reflectometry	dmitry		dmitry	20 Nov 2019 14:12
2377	Feature	Resolved	Normal	Implement layer editor prototype on the basis of the the new model-view framework	dmitry	Sprint 41	dmitry	30 Jul 2019 16:33
2344	Bug	Rejected	Normal	GUI: impossible to set limits for intensity as a fit parameter	dmitry	Sprint 41	dmitry	02 May 2019 11:16
2338	Bug	Resolved	Normal	Numerical instability in roughness calculations	dmitry	Sprint 41	pospelov	02 May 2019 09:23
2333	Feature	Resolved	Normal	GUI: Switch resolutions/divergences in specular instrument to the new resolution machinery	dmitry	Sprint 41	dmitry	30 Jul 2019 15:57
2322	Bug	Rejected	Normal	GUI: Ensure usage of identical colormap for real data and simulation in fitview	dmitry	Sprint 41	herck	25 Jul 2019 13:56
2321	Bug	Resolved	Normal	Setting 'Min' or 'Max' for fitparameter Beam Intensity doesn't work	dmitry	Sprint 41	herck	02 May 2019 11:17
2316	Feature	Resolved	Normal	Provide support for handling intensity uncertainties in experimental data	dmitry	Sprint 41	dmitry	13 Jun 2019 13:35
2315	Feature	Resolved	Normal	Provide support for pointwise resolution in reflectometry	dmitry	Sprint 41	dmitry	28 Mar 2019 12:39
2307	Bug	Rejected	Normal	Wrong units during fit with q-defined reflectometry	dmitry	Sprint 40	dmitry	22 Feb 2019 12:51
2305	Bug	Rejected	Normal	Premature deletion of OutputData<double> in python	dmitry	Sprint 40	dmitry	19 Feb 2019 16:06
2297	Feature	Resolved	Normal	Provide q-based input for specular simulations	dmitry	Sprint 40	dmitry	22 Feb 2019 11:30
2292	Feature	Resolved	Normal	Switch internal specular computations to q values	dmitry	Sprint 40	dmitry	08 Feb 2019 10:01
2289	Testing	Resolved	Normal	Test slicing and averaging functionality for reflectometry in BornAgain	dmitry	Sprint 40	dmitry	28 Jan 2019 16:15
2273	Documentation	Resolved	Normal	Comparative overview of existing reflectometry packages	dmitry	Sprint 40	dmitry	17 Jan 2019 12:37
2270	Bug	Resolved	Normal	Repeating values after removing unsorted data	dmitry	Sprint 40	dmitry	09 Jan 2019 14:33
2259	Feature	Resolved	Normal	Make off-spec simulation fittable	dmitry	Sprint 40	dmitry	03 Jan 2019 12:24

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2249	Bug	Resolved	Normal	Crash on fitting SpecularInstrument/Beam/Polarization/X, Y, Z	dmitry	Sprint 39	juan	07 Dec 2018 19:08
2245	Bug	Resolved	Normal	Crash when running simulation with missing instrument	dmitry	Sprint 39	juan	06 Dec 2018 13:14
2243	Bug	Resolved	Normal	Instrument id is not updated when it is copied to job item	dmitry	Sprint 39	dmitry	06 Dec 2018 13:14
2235	Bug	Resolved	Normal	Restore automatic linking of user data to instrument in Simulation tab	dmitry	Sprint 39	dmitry	05 Dec 2018 14:04
2231	Bug	Resolved	Normal	Reflectivity: strange behaviour at wavelength distribution	dmitry	Sprint 39	ganeva	23 Nov 2018 12:28
2222	Feature	Resolved	Normal	Allow scientific notation in tuning parameter tree	dmitry	Sprint 39	dmitry	23 Nov 2018 12:29
2217	Bug	Resolved	Normal	GUI crash on instrument adjustment for 1D data	dmitry	Sprint 39	ganeva	06 Dec 2018 13:15
2199	Feature	Resolved	Normal	Expand txt-file saving to 1D data	dmitry	Sprint 39	dmitry	26 Oct 2018 19:37
2194	Feature	Resolved	Normal	Handle native coordinates and units from imported user data in RealDataItem and during instrument linking	dmitry	Sprint 39	dmitry	25 Oct 2018 12:41
2189	Bug	Resolved	Normal	Real time view shows alien tree on jobItem delete	dmitry	Sprint 39	pospelov	07 Dec 2018 13:26
2177	Feature	Resolved	Normal	Employ PointwiseAxis in the GUI for SpecularSimulations	dmitry	Sprint 39	dmitry	26 Oct 2018 19:36
2171	Bug	Resolved	Normal	Application crash on switch between fitting and simulation jobs for specular simulation	dmitry	Sprint 38	dmitry	27 Sep 2018 12:59
2155	Feature	Resolved	Normal	Create and deploy PointwiseAxis for SpecularSimulation	dmitry	Sprint 38	dmitry	27 Sep 2018 12:59
2146	Bug	Resolved	Normal	GUI: back compatibility broken	dmitry	Sprint 38	ganeva	25 Sep 2018 14:10
2142	Feature	Resolved	Normal	Allow material tuning in real time view	dmitry	Sprint 39	pospelov	15 Nov 2018 10:33
2141	Feature	Resolved	Normal	Allow for SLD fitting in GUI	dmitry	Sprint 39	dmitry	27 Nov 2018 14:43
2134	Feature	Resolved	Normal	Create translator from numpy arrays to OutputData	dmitry	Sprint 38	dmitry	01 Aug 2018 19:39
2127	Feature	Resolved	Normal	Convert functional tests for specular fits to the new FitObjective machinery	dmitry	Sprint 38	pospelov	30 Jul 2018 19:32
2124	Bug	Rejected	Normal	Successive call to SimulationResult.data() causes segmentation fault	dmitry	Sprint 38	dmitry	30 Jul 2018 16:33
2116	Bug	Resolved	Normal	Provide valid editing for fit parameters in GUI	dmitry	Sprint 39	dmitry	30 Nov 2018 15:37
2111	Feature	Resolved	Normal	Boost: remove chrono dependency	dmitry	Sprint 38	pospelov	13 Jul 2018 18:09
2110	Feature	Resolved	Normal	Boost: remove date_time dependency	dmitry	Sprint 38	pospelov	13 Jul 2018 18:09
2107	Bug	Resolved	Normal	The project crashes on attempt to change limits of fit parameter in GUI	dmitry	Sprint 38	dmitry	17 Jul 2018 10:05
2106	Feature	Resolved	Normal	GUI: Create and use DataItemView for 1D fitting	dmitry	Sprint 38	dmitry	11 Jul 2018 13:47
2105	Refactoring	Rejected	Normal	Provide DataItemView for handling representation of 1D data	dmitry	Sprint 38	dmitry	06 Jul 2018 17:13
2081	Documentation	Resolved	Normal	Update documentation related to reflectometry and depth probe	dmitry	Sprint 38	dmitry	27 Jul 2018 15:49
2051	Feature	Resolved	Normal	Provide loading and using from GUI 1D real data	dmitry	Sprint 38	dmitry	02 Jul 2018 09:03
2048	Configuration	Resolved	Normal	Get rid of CMAKE_LIBRARY_PATH	dmitry	Sprint 37	dmitry	14 May 2018 08:22
2044	Bug	Resolved	Normal	Users cannot see python functions' descriptions, jump to their definitions or use autocompletion in PyCharm	dmitry	Sprint 37	dmitry	16 May 2018 09:36
2036	Feature	Resolved	Normal	Bring the appearance of specular simulation to compliance with GISAS/Off-Spec job views	dmitry	Sprint 37	dmitry	24 Apr 2018 11:09

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2030	Feature	Resolved	Normal	Provide unit conversions for specular instrument in GUI	dmitry	Sprint 37	dmitry	12 Apr 2018 16:32
2029	Bug	Resolved	Normal	Unit conversion bug when ROI is set	dmitry	Sprint 37	pospelov	05 Apr 2018 13:10
2028	Refactoring	Resolved	Normal	Remove the functionality doubled in DepthProbeSimulation from SpecularSimulation and reuse common code	dmitry	Sprint 37	dmitry	09 Apr 2018 06:43
2027	Testing	Resolved	Normal	Provide functional test + example for depth probe simulation	dmitry	Sprint 37	dmitry	05 Apr 2018 18:09
2026	Feature	Resolved	Normal	Provide capability of switching angular axis in DepthProbe to different units	dmitry	Sprint 37	dmitry	25 Apr 2018 17:50
2010	Bug	Resolved	Normal	cmake should notify user if eigen3 is not found	dmitry	Sprint 37	ganeva	09 Apr 2018 09:24
2006	Feature	Resolved	Normal	Core: implement instrument type for depth probes (evanescent wave)	dmitry	Sprint 37	pospelov	03 Apr 2018 18:07
2002	Documentation	Resolved	Normal	Website: port all release letters	dmitry	Sprint 37	pospelov	04 Apr 2018 18:24
1991	Bug	Resolved	Normal	Cannot add real data to off-specular instrument	dmitry	Sprint 37	dmitry	26 Apr 2018 18:35
1981	Bug	Resolved	Normal	BornAgain GUI: cannot fit beam parameters with distributions	dmitry	Sprint 36	ganeva	01 Mar 2018 13:54
1979	Bug	Resolved	Normal	BornAgain GUI: cannot fit the constant background	dmitry	Sprint 36	ganeva	28 Feb 2018 13:57
1974	Feature	Resolved	Normal	Provide full-fledged functionality for specular simulation in DomainSimulationBuilder	dmitry	Sprint 37	dmitry	07 Mar 2018 13:24
1965	Testing	Resolved	Normal	Provide an example of fitting real reflectometry data with BornAgain	dmitry	Sprint 36	dmitry	22 Feb 2018 11:14
1964	Feature	Resolved	Normal	Provide "fair" unit conversions for specular data (including q-space)	dmitry	Sprint 37	dmitry	20 Mar 2018 13:55
1961	Bug	Resolved	Normal	Numerous fixes for beam divergence and footprint	dmitry	Sprint 36	dmitry	09 Feb 2018 12:24
1958	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 4	dmitry	Sprint 36	pospelov	14 Feb 2018 12:19
1956	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 2	dmitry	Sprint 36	pospelov	14 Feb 2018 18:22
1951	Feature	Rejected	Normal	Apply new unit conversion machinery for SpecularSimulation	dmitry	Sprint 36	dmitry	15 Feb 2018 17:31
1947	Feature	Resolved	Normal	Provide MaterialBySLD functional test	dmitry	Sprint 36	pospelov	20 Feb 2018 10:24
1946	Documentation	Resolved	Normal	Revise MaterialBySLD (user interface and documentation)	dmitry	Sprint 36	dmitry	19 Feb 2018 12:31
1943	Refactoring	Resolved	Normal	Remove creation of simulation elements from SpecularDetector1D	dmitry	Sprint 36	dmitry	23 Jan 2018 16:23
1938	Feature	Resolved	Normal	Implement transform from domain for specular instrument	dmitry	Sprint 37	pospelov	22 Mar 2018 07:51
1937	Feature	Resolved	Normal	Implement export-to-Python for specular instrument	dmitry	Sprint 37	pospelov	19 Mar 2018 09:20
1936	Feature	Resolved	Normal	GUI: provide specular instrument type in GUI	dmitry	Sprint 36	pospelov	13 Feb 2018 11:29
1931	Feature	Resolved	Normal	Implement footprint correction	dmitry	Sprint 36	dmitry	18 Jan 2018 11:25
1917	Refactoring	Rejected	Normal	Find a better way to carry specular data from Fresnel map to SpecularSimulation	dmitry	Sprint 36	dmitry	02 Feb 2018 16:13
1910	Feature	Resolved	Normal	Employ 1D detector and get rid of virtual runSimulation in SpecularSimulation	dmitry	Sprint 36	dmitry	05 Dec 2017 10:44
1906	Feature	Resolved	Normal	Add functional test for specular simulation	dmitry	Sprint 36	dmitry	28 Nov 2017 14:12
1902	Feature	Resolved	Normal	Add 1D detector for specular simulations	dmitry	Sprint 36	dmitry	24 Nov 2017 12:36
1895	Feature	Resolved	Normal	Make an IDetector base class independent on dimensionality of the detector	dmitry	Sprint 36	dmitry	22 Nov 2017 10:42



#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1884	Feature	Resolved	Normal	Provide common interface for Simulation and SpecularSimulation	dmitry	Sprint 36	dmitry	17 Nov 2017 12:48
1880	Documentation	Resolved	Normal	Provide example of new wavelength-independent material usage	dmitry	Sprint 36	dmitry	10 Nov 2017 10:33
1875	Bug	Resolved	Normal	Provide proper export to python for all flavours of materials	dmitry	Sprint 36	dmitry	10 Nov 2017 10:33
1872	Bug	Resolved	Normal	Prevent user from creating mixed samples with mixed wavelength-dependent and wavelength-independent materials	dmitry	Sprint 36	dmitry	10 Nov 2017 10:33
1871	Bug	Resolved	Normal	Prevent using WavelengthIndependentMaterial in computations with material averaging or make universal averaging procedure	dmitry	Sprint 36	dmitry	10 Nov 2017 10:33
1860	Feature	Resolved	Normal	Allow for instrument resolution in specular calculations	dmitry	Sprint 36	dmitry	30 Jan 2018 11:33
1859	Feature	Resolved	Normal	Implement fitting for specular signal simulations	dmitry	Sprint 36	dmitry	08 Dec 2017 13:15
1858	Feature	Resolved	Normal	Make possible using scattering length, number densities and scattering length densities as input material data	dmitry	Sprint 36	dmitry	10 Nov 2017 10:20
1842	Feature	Rejected	Normal	Improve simulation performance in the case of large detectors	dmitry	Sprint 36	herck	20 Dec 2017 12:19
1818	Feature	Resolved	Normal	Investigate simulation performance in the case of large detectors	dmitry	Sprint 36	pospelov	18 Dec 2017 10:17
1788	Bug	Resolved	Normal	Numerical instability in triangular ripple form factor	dmitry	Sprint 35	pospelov	14 Sep 2017 10:51
1618	Feature	Resolved	Normal	Implement rotation of imported data in ImportData view	dmitry	Sprint 35	pospelov	22 Sep 2017 19:09
1617	Feature	Resolved	Normal	Implement rotation of 2D OutputData on 90 deg	dmitry	Sprint 35	pospelov	21 Sep 2017 13:51
43	Feature	Archived	Normal	Code browsing: Install OpenGrok code browser	felder	Sprint 4	pospelov	06 Aug 2012 09:37
2361	Refactoring	Resolved	Normal	Use **kwargs in python plotting routines	ganeva	Sprint 41	ganeva	24 Jul 2019 14:10
1959	Documentation	Resolved	Normal	Website: port "Using Graphical User Interface" to Hugo	ganeva	Sprint 36	pospelov	13 Feb 2018 09:45

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