

BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2511	Bug	Resolved	Normal	CMake: FindCERF.cmake behaves inconsistent	mpuchner		mpuchner	09 Dec 2020 12:05
2510	Bug	Resolved	Normal	GUI: Unreadable text in error dialogs	mpuchner		mpuchner	09 Dec 2020 10:44
2507	Refactoring	Resolved	Normal	Device/InputOutput: simplify			wuttke	11 Dec 2020 18:00
2505	Feature	Resolved	Normal	GUI: Remove empty space on simulation page	mpuchner		mpuchner	11 Dec 2020 17:58
2503	Bug	Resolved	Normal	GUI: Material editor is a semi-modal toplevel window instead of modal dialog	mpuchner		mpuchner	11 Dec 2020 17:57
2502	Bug	Resolved	Normal	GUI: Windows: Native representation of paths is wrong	mpuchner		mpuchner	15 Dec 2020 10:39
2499	Feature	Rejected	Normal	GUI: Is it necessary to add licence texts in the "about" dialog?			mpuchner	27 Nov 2020 12:33
2496	Feature	Resolved	Normal	Introduce API support for Q offset	rbeerwerth		rbeerwerth	15 Dec 2020 19:13
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
2474	Refactoring	Resolved	Normal	simplify the functional test machinery	wuttke		wuttke	18 Sep 2020 11:09
2473	Refactoring	Resolved	Normal	Put all tests under CTest control	wuttke		wuttke	07 Jul 2020 08:54
2472	Refactoring	Resolved	Normal	Disambiguate INamed: class name or object name	wuttke		wuttke	12 Jul 2020 23:07
2466	Refactoring	Resolved	Normal	Use full paths in #include directives	wuttke	v1.18	wuttke	07 Jul 2020 08:55
2465	Configuration	Resolved	Normal	CMake: more standard find modules for fftw3 and tiff	wuttke	v1.18	wuttke	07 Jul 2020 08:57
2463	Feature	Resolved	Normal	Update macmini to High Sierra and provide BornAgain build	pospelov	Sprint 43	pospelov	17 Jun 2020 12:24
2461	Bug	Resolved	Normal	GUI: crash in 3D view with lock function	pospelov	Sprint 43	pospelov	08 Jun 2020 20:39
2459	Documentation	Resolved	Normal	Update and reorganize Doxyfiles	wuttke	v1.18	wuttke	25 Jun 2020 19:28
2456	Refactoring	Resolved	Normal	simplify integrators	wuttke	Sprint 43	wuttke	20 May 2020 13:07
2455	Refactoring	Resolved	Normal	correct and document Ripple form factors	wuttke	Sprint 43	wuttke	20 May 2020 13:19
2454	Refactoring	Resolved	Normal	print q vector if numeric form factor test fails	wuttke	Sprint 43	wuttke	20 May 2020 13:09
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
2450	Feature	Resolved	Normal	Provide Windows compilation with Python 3.8, switch Appveyor to it	rbeerwerth	Sprint 43	pospelov	13 May 2020 12:46
2449	Feature	Resolved	Normal	Enable Travis MacOS build	pospelov	Sprint 43	pospelov	15 May 2020 17:27
2448	Feature	Resolved	Normal	Switch Appveyor Windows build to MSVC 2019	pospelov	Sprint 43	pospelov	11 May 2020 10:33
2447	Feature	Resolved	Normal	Update eigen3 submodule URL	pospelov	Sprint 43	rbeerwerth	17 Jun 2020 12:56
2446	Feature	Resolved	Normal	GUI: fix HighDPI issues under Windows.	pospelov	Sprint 43	pospelov	08 Jun 2020 20:39

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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
2443	Feature	Resolved	Normal	Create document describing the release procedure.	pospelov	Sprint 43	pospelov	18 Jun 2020 09:51
2442	Bug	Resolved	Normal	Roughness on first semi-infinite layer	rbeerwerth	Sprint 43	rbeerwerth	22 Apr 2020 11:06
2441	Bug	Resolved	Normal	Imaginary SLD	rbeerwerth	Sprint 43	rbeerwerth	22 Apr 2020 11:06
2440	Feature	Rejected	Normal	TO DISCUSS: Core: Run static code analyzer once			pospelov	21 Sep 2020 12:49
2439	Refactoring	Resolved	Normal	Get rid of all Qt's deprecated compile warnings	pospelov	Sprint 43	pospelov	28 Apr 2020 14:33
2438	Feature	Resolved	Normal	Website: rename "python scripts" and "tutorial examples" menu entries.	pospelov	Sprint 43	pospelov	17 Jun 2020 12:56
2437	Documentation	Resolved	Normal	Website: provide citing and news item for BornAgain publication	wuttke	Sprint 43	pospelov	29 Apr 2020 12:24
2434	Refactoring	Rejected	Normal	Update file header everywhere			pospelov	15 Jun 2020 15:50
2432	Refactoring	Resolved	Normal	Run code beautifier on the whole codebase.	pospelov	Sprint 43	pospelov	30 Apr 2020 10:32
2431	Documentation	Resolved	Normal	Website: switch to latest Hugo in website travis based generation.	pospelov	Sprint 43	pospelov	20 Apr 2020 15:16
2430	Feature	Resolved	Normal	Try switch bindings to swig v4.0.1	rbeerwerth	Sprint 43	pospelov	29 Apr 2020 12:44
2428	Feature	Resolved	Normal	Add Nevot-Croce roughness model	rbeerwerth	Sprint 43	pospelov	16 Apr 2020 15:32
2424	Bug	Resolved	Normal	GUI crash by unexpected user behavior	pospelov	Sprint 43	ganeva	08 Jun 2020 20:40
2423	Feature	Rejected	Normal	Core: add posterior normalization for reflectivity curves			dmitry	02 Nov 2020 13:09
2416	Bug	Rejected	Normal	Polarized: Fix treatment of imperfect analyzers	rbeerwerth		dmitry	15 Dec 2020 19:18
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
2408	Bug	Resolved	Normal	Unable to save png, pdf and jpg	juan		juan	16 Oct 2019 10:45
2405	Refactoring	Rejected	Normal	Simplify IterationStrategy and related classes			dmitry	18 Sep 2020 20:11
2401	Bug	Resolved	Normal	Importing OutputData from ASCII file ignores lines that start with a negative value	herck	Sprint 42	herck	29 Aug 2019 17:52
2400	Bug	Resolved	Normal	Fix average mesocrystal form factor in the presence of postional disorder	herck	Sprint 42	herck	06 Aug 2019 17:17
2396	Documentation	Resolved	Normal	General revision and update to the examples section in the website	juan	Sprint 41	juan	01 Aug 2019 14:15
2392	Documentation	Resolved	Normal	Provide Doxygen class comments for recently added classes	wuttke		wuttke	02 Jul 2020 11:39
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
2385	Documentation	Resolved	Normal	Doxygen > User API > group Simulation: too crowded, break into subgroups	wuttke		wuttke	26 Jun 2020 16:31
2384	Bug	Resolved	Normal	GUI: error on slicing core-shell particles	herck	Sprint 41	dmitry	31 Jul 2019 11:30
2382	Bug	Resolved	Normal	Memory leakage during Python fitting	pospelov	Sprint 41	pospelov	30 Jul 2019 16:00
2380	Bug	Rejected	Normal	Simulation failure for particles crossing interface	herck		ganeva	30 Jul 2019 13:46

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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
2375	Bug	Rejected	Normal	fit along slices example fails to converge			dmitry	18 Sep 2020 15:59
2374	Feature	Resolved	Normal	Clean Functionality to Import Typical Reflectometry ASCII Formats	juan	Sprint 41	juan	03 Jun 2019 11:57
2373	Feature	Resolved	Normal	Remove choice between decoupling approximation and SSCA in GUI layouts	herck	Sprint 41	herck	08 Jul 2019 12:59
2371	Bug	Rejected	Normal	Ctrl+S doesn't work for saving project on win		Sprint 41	dmitry	25 Jul 2019 10:50
2370	Bug	Resolved	Normal	Crash on reflectometry simulation for nonsensible values of theta	juan	Sprint 41	juan	28 May 2019 16:00
2369	Refactoring	Rejected	Normal	rename ThirdParty/Fit/RootMinimizers			wuttke	18 Sep 2020 11:32
2365	Feature	Resolved	Normal	GUI: rename "Import" button to "Data"	juan	Sprint 41	wuttke	03 Jun 2019 11:47
2362	Bug	Rejected	Normal	GUI: can neither quit, nor cancel an endless job			wuttke	18 Sep 2020 15:48
2361	Refactoring	Resolved	Normal	Use **kwargs in python plotting routines	ganeva	Sprint 41	ganeva	24 Jul 2019 14:10
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
2346	Feature	Resolved	Normal	Enable qspace visualisation for large inclinations	herck	Sprint 41	herck	09 May 2019 11:41
2345	Testing	Rejected	Normal	Unit test for loading Reflectometry ASCII data			juan	18 Sep 2020 19:28
2344	Bug	Rejected	Normal	GUI: impossible to set limits for intensity as a fit parameter	dmitry	Sprint 41	dmitry	02 May 2019 11:16
2342	Bug	Resolved	Normal	Unit test failure on user system with Qt 5.6.2	pospelov	Sprint 41	pospelov	25 Apr 2019 12:36
2338	Bug	Resolved	Normal	Numerical instability in roughness calculations	dmitry	Sprint 41	pospelov	02 May 2019 09:23
2337	Bug	Resolved	Normal	Layout weights are not exported to Python from GUI	herck	Sprint 41	herck	10 Apr 2019 18:28
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
2332	Bug	Rejected	Normal	GUI: artifacts in real data during work			Uliana_Koneva	22 Sep 2020 14:16
2331	Feature	Resolved	Normal	Unit labels	juan	Sprint 41	juan	20 May 2019 09:48
2330	Bug	Resolved	Normal	"Save" fails when there are Cyrillic characters on the path.	pospelov	Sprint 41	juan	24 Jul 2019 15:28
2328	Bug	Rejected	Normal	Crashing during GISAS fitting		Sprint 41	dmitry	06 May 2019 12:37
2325	Documentation	Resolved	Normal	Proofread Windows installation tutorials	herck	Sprint 41	pospelov	15 Mar 2019 12:09
2324	Bug	Rejected	Normal	Save to TIFF is broken		Sprint 41	dmitry	25 Jul 2019 10:16
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

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2319	Feature	Resolved	Normal	GUI: import multiple files	juan		ganeva	10 May 2019 08:59
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
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
2312	Bug	Resolved	Normal	GUI crash on attempt to save a project on Mac	pospelov	Sprint 41	dmitry	30 Jul 2019 15:47
2311	Feature	Resolved	Normal	Provide possibility to load 2D ASCII data for files with .dat extention	juan	Sprint 41	pospelov	20 May 2019 09:47
2310	Bug	Resolved	Normal	GUI: disappeared button to rotate dataset in RealDataView	pospelov	Sprint 41	pospelov	10 Jul 2019 08:20
2308	Documentation	Resolved	Normal	Fix Windows PyCharm tutorial	pospelov	Sprint 41	pospelov	12 Mar 2019 17:53
2307	Bug	Rejected	Normal	Wrong units during fit with q-defined reflectometry	dmitry	Sprint 40	dmitry	22 Feb 2019 12:51
2306	Bug	Rejected	Normal	Weird intensity results in DepthProbeSimulation	herck	Sprint 41	dmitry	04 Apr 2019 16:09
2305	Bug	Rejected	Normal	Premature deletion of OutputData<double> in python	dmitry	Sprint 40	dmitry	19 Feb 2019 16:06
2304	Bug	Resolved	Normal	Uncaught exception in GUI during real time tuning	herck	Sprint 40	herck	15 Feb 2019 14:05
2303	Feature	Resolved	Normal	Implement twin particle interference function	herck	Sprint 40	herck	14 Feb 2019 12:54
2302	Feature	Rejected	Normal	Provide form factor for hexagon-based twisted pyramid			ganeva	24 Jun 2020 18:17
2297	Feature	Resolved	Normal	Provide q-based input for specular simulations	dmitry	Sprint 40	dmitry	22 Feb 2019 11:30
2294	Feature	Resolved	Normal	3DView: provide button to save image	juan		ganeva	15 May 2019 18:06
2292	Feature	Resolved	Normal	Switch internal specular computations to q values	dmitry	Sprint 40	dmitry	08 Feb 2019 10:01
2291	Support	Resolved	Normal	Provide hard disc Percus-Yevick interference function	herck	Sprint 40	herck	08 Feb 2019 11:27
2290	Feature	Resolved	Normal	Implement simplified 2D peak search for GISAS images	pospelov	Sprint 40	pospelov	29 Jan 2019 12:02
2289	Testing	Resolved	Normal	Test slicing and averaging functionality for reflectometry in BornAgain	dmitry	Sprint 40	dmitry	28 Jan 2019 16:15
2287	Testing	Resolved	Normal	Reflectometry cross-validation	juan	Sprint 41	dmitry	08 May 2019 11:06
2286	Bug	Resolved	Normal	Fix usage of Debye-Waller factors for superlattices	herck	Sprint 40	herck	15 Jan 2019 15:25
2285	Feature	Resolved	Normal	Name layers in GUI by their material name	juan	Sprint 41	herck	03 Jun 2019 11:48
2283	Documentation	Resolved	Normal	Fix starting value of prism_base_edge in fit example	pospelov	Sprint 41	pospelov	24 Jul 2019 14:06
2282	Feature	Resolved	Normal	Implement position variance in 3d view	herck	Sprint 40	herck	19 Feb 2019 18:24
2278	Feature	Resolved	Normal	Add Debye Waller factor for 1D and 2D lattice	herck	Sprint 40	herck	11 Jan 2019 16:59
2277	Bug	Resolved	Normal	GUI: value of wavelength is not propagated on switch from InstrumentView	pospelov	Sprint 40	pospelov	19 Feb 2019 12:28
2276	Support	Rejected	Normal	TO MOVE: Provide simulation of mpnc sample for DESY			pospelov	21 Sep 2020 12:47
2275	Refactoring	Resolved	Normal	Refactor cmake machinery for consistent Python interpreter/libraries handling	pospelov	Sprint 43	pospelov	07 May 2020 11:09
2273	Documentation	Resolved	Normal	Comparative overview of existing reflectometry packages	dmitry	Sprint 40	dmitry	17 Jan 2019 12:37
2272	Bug	Rejected	Normal	Reports from the school: coefficients are not scalar bug.			pospelov	18 Sep 2020 20:37

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2271	Feature	Rejected	Normal	Provide units Angstroms in import 1D data widget			pospelov	18 Sep 2020 19:18
2270	Bug	Resolved	Normal	Repeating values after removing unsorted data	dmitry	Sprint 40	dmitry	09 Jan 2019 14:33
2268	Bug	Rejected	Normal	Sometimes parameter values are reset when they go out of focus		Sprint 40	herck	20 Feb 2019 13:57
2267	Feature	Resolved	Normal	Activate polarized sans	herck	Sprint 40	herck	24 Jan 2019 15:00
2265	Bug	Resolved	Normal	3D view incorrectly represents particle positions for layouts connected to deeper layers	pospelov	Sprint 40	herck	11 Feb 2019 13:56
2262	Bug	Resolved	Normal	Fix memory leakage in Python API	pospelov	Sprint 40	pospelov	09 Jan 2019 17:18
2260	Feature	Resolved	Normal	Remove domain size and damping length in paracrystals in favour of a small q expansion	herck	Sprint 40	herck	10 Jan 2019 13:53
2259	Feature	Resolved	Normal	Make off-spec simulation fittable	dmitry	Sprint 40	dmitry	03 Jan 2019 12:24
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
2249	Bug	Resolved	Normal	Crash on fitting SpecularInstrument/Beam/Polarization/X, Y, Z	dmitry	Sprint 39	juan	07 Dec 2018 19:08
2247	Feature	Resolved	Normal	Update Yosemite vagrant box	pospelov	Sprint 39	pospelov	11 Dec 2018 13:14
2246	Feature	Resolved	Normal	GUI: provide possibility to select intensity and residual function type in Minimizer settings	pospelov	Sprint 39	pospelov	06 Dec 2018 19:13
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
2239	Bug	Resolved	Normal	Crash on load of any saved project	pospelov	Sprint 39	pospelov	03 Dec 2018 16:38
2237	Bug	Resolved	Normal	GUI: stop button in fitting panel does not work	herck	Sprint 39	dmitry	30 Nov 2018 14:49
2236	Bug	Resolved	Normal	GUI: Fitting failure on some minimization algorithms	pospelov	Sprint 39	dmitry	05 Dec 2018 13:13
2235	Bug	Resolved	Normal	Restore automatic linking of user data to instrument in Simulation tab	dmitry	Sprint 39	dmitry	05 Dec 2018 14:04
2233	Documentation	Resolved	Normal	Update manual before release	herck	Sprint 39	herck	04 Dec 2018 14:30
2231	Bug	Resolved	Normal	Reflectivity: strange behaviour at wavelength distribution	dmitry	Sprint 39	ganeva	23 Nov 2018 12:28
2228	Bug	Resolved	Normal	GUI: 1D data loader does not treat 'fixed width' columns correctly	juan	Sprint 39	ganeva	05 Dec 2018 14:20
2225	Feature	Resolved	Normal	GUI: implement depth probe instrument	pospelov	Sprint 39	pospelov	06 Dec 2018 15:26
2224	Feature	Resolved	Normal	Investigate and implement azimuthal smearing of peak shapes	herck	Sprint 39	herck	16 Nov 2018 18:21
2223	Documentation	Resolved	Normal	Update BornAgain Windows installation documentation on the webpage.	pospelov	Sprint 41	ganeva	12 Mar 2019 17:54
2222	Feature	Resolved	Normal	Allow scientific notation in tuning parameter tree	dmitry	Sprint 39	dmitry	23 Nov 2018 12:29
2220	Testing	Resolved	Normal	Change unit test run order	pospelov	Sprint 39	pospelov	16 Nov 2018 08:59
2219	Bug	Resolved	Normal	Appveyor build crash during unit text execution	pospelov	Sprint 39	pospelov	13 Nov 2018 18:02
2218	Feature	Resolved	Normal	Find an intelligent way to handle repeating values in the coordinate vector (reflectivity)	juan	Sprint 39	ganeva	30 Nov 2018 19:37

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2217	Bug	Resolved	Normal	GUI crash on instrument adjustment for 1D data	dmitry	Sprint 39	ganeva	06 Dec 2018 13:15
2216	Configuration	Resolved	Normal	Remove stgz extension in BornAgainCPack.cmake			herck	18 Sep 2020 11:46
2213	Bug	Rejected	Normal	Unit tests crashing if user system contains own googletest library in LD_LIBRARY_PATH	pospelov	Sprint 39	pospelov	16 Nov 2018 10:25
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
2208	Feature	Resolved	Normal	Update all fitting examples to the new fitting mechanism.	pospelov	Sprint 39	pospelov	19 Nov 2018 16:35
2207	Feature	Resolved	Normal	Allow multiplying/dividing data columns by constant factor in CsvImportAssistant	juan	Sprint 39	dmitry	30 Nov 2018 16:39
2201	Feature	Resolved	Normal	Remove quotation marks around 'Experimental' in the plotting of fits	herck	Sprint 39	herck	16 Oct 2018 18:04
2200	Bug	Resolved	Normal	Trapezoid distribution generates edge values with zero probability	herck	Sprint 39	herck	23 Nov 2018 14:35
2199	Feature	Resolved	Normal	Expand txt-file saving to 1D data	dmitry	Sprint 39	dmitry	26 Oct 2018 19:37
2198	Bug	Resolved	Normal	BornAgain GUI on certain Win10 stays collapsed on taskbar	pospelov	Sprint 39	pospelov	06 Dec 2018 10:47
2196	Feature	Resolved	Normal	Provide proper cleanup of OpenGL resources on parent widget change	pospelov	Sprint 39	pospelov	18 Oct 2018 15:46
2195	Feature	Resolved	Normal	Necessary amendments to ImportDataAssistant	juan	Sprint 39	dmitry	26 Oct 2018 10:20
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
2193	Feature	Resolved	Normal	Import order and priority	juan	Sprint 39	dmitry	30 Nov 2018 16:39
2192	Envelope task	Archived	Normal	1D data import functionality		Sprint 41	dmitry	07 May 2019 17:49
2189	Bug	Resolved	Normal	Real time view shows alien tree on jobItem delete	dmitry	Sprint 39	pospelov	07 Dec 2018 13:26
2187	Bug	Resolved	Normal	Wrong parameter values displayed in real time widget	pospelov	Sprint 38	pospelov	05 Oct 2018 11:48
2186	Documentation	Resolved	Normal	Correct formula for exponential distribution in manual	herck	Sprint 39	herck	04 Dec 2018 12:01
2184	Bug	Resolved	Normal	Tuning widget disappears from simulation when "submit only" option is chosen	herck	Sprint 39	dmitry	30 Nov 2018 13:40
2183	Bug	Resolved	Normal	Export to python doesn't add extension to file name	juan	Sprint 39	dmitry	24 Oct 2018 15:33
2181	Bug	Resolved	Normal	Loading a project file in the GUI overwrites number of threads	herck	Sprint 39	herck	29 Nov 2018 15:25
2179	Bug	Resolved	Normal	Saving and loading txt image in GUI causes rotation	juan	Sprint 39	herck	16 Oct 2018 10:34
2178	Documentation	Resolved	Normal	Website: add screenshot of 3D view to gallery	pospelov	Sprint 39	pospelov	04 Oct 2018 15:35
2177	Feature	Resolved	Normal	Employ PointwiseAxis in the GUI for SpecularSimulations	dmitry	Sprint 39	dmitry	26 Oct 2018 19:36
2175	Documentation	Resolved	Normal	Website: provide date and navigation element for news page	pospelov	Sprint 39	pospelov	04 Oct 2018 15:35
2174	Feature	Resolved	Normal	Implement HCP and BCT lattice factory functions	herck	Sprint 38	herck	27 Sep 2018 18:37
2173	Bug	Resolved	Normal	Inconsistent behavior of dock widgets between sample view and job view	pospelov	Sprint 39	herck	17 Oct 2018 14:20
2172	Bug	Resolved	Normal	Fit flow widget doesn't update after fit re-launch	pospelov	Sprint 38	pospelov	28 Sep 2018 12:27

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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
2170	Bug	Resolved	Normal	Widget sizes are reset to default values during fit in GUI	herck	Sprint 38	herck	27 Sep 2018 09:15
2169	Bug	Resolved	Normal	Application crash on fitting job	pospelov	Sprint 38	pospelov	28 Sep 2018 12:28
2168	Bug	Resolved	Normal	Autosave leads to the GUI crash at certain conditions	pospelov	Sprint 38	pospelov	25 Sep 2018 15:59
2167	Bug	Resolved	Normal	Application crash on attempt to load txt.gz file from GUI	juan	Sprint 39	dmitry	10 Oct 2018 13:43
2166	Documentation	Resolved	Normal	Put BornAgain API on website	pospelov	Sprint 38	herck	25 Sep 2018 17:37
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
2163	Configuration	Resolved	Normal	move prepackaged Windows libraries from redmine/attachments to src/WinLibs	wuttke		wuttke	12 Feb 2019 16:12
2162	Bug	Resolved	Normal	Jobs which was autosaved during the run stays in running state after project restore.	pospelov	Sprint 38	pospelov	25 Sep 2018 15:59
2161	Bug	Resolved	Normal	Cancel of running job doesn't work properly	pospelov	Sprint 38	pospelov	25 Sep 2018 15:59
2158	Documentation	Resolved	Normal	Extend website with nightly builds to accomodate for early testers			herck	24 Jun 2020 18:32
2156	Feature	Resolved	Normal	Implement finite crystals	herck	Sprint 39	herck	22 Nov 2018 17:06
2155	Feature	Resolved	Normal	Create and deploy PointwiseAxis for SpecularSimulation	dmitry	Sprint 38	dmitry	27 Sep 2018 12:59
2154	Feature	Resolved	Normal	Observations made during GISAS 2018 school at Bayreuth	pospelov	Sprint 39	pospelov	16 Nov 2018 12:55
2153	Bug	Rejected	Normal	3D view crashes on rotated 1D interference function	pospelov	Sprint 38	pospelov	24 Sep 2018 12:45
2151	Bug	Rejected	Normal	Import Intensity File - dialog opens behind BornAgain main window.			juan	07 May 2019 17:52
2150	Feature	Resolved	Normal	Slow down zooming speed of Real Space Viewer on Mac	herck	Sprint 38	herck	14 Sep 2018 15:03
2149	Bug	Resolved	Normal	GUI crash when switching activity	pospelov	Sprint 38	herck	14 Sep 2018 11:06
2148	Bug	Resolved	Normal	GUI: Crash on autosave	herck	Sprint 38	ganeva	14 Sep 2018 13:25
2147	Feature	Resolved	Normal	Functionality improvements for the new fitting engine	pospelov	Sprint 39	dmitry	19 Nov 2018 16:35
2146	Bug	Resolved	Normal	GUI: back compatibility broken	dmitry	Sprint 38	ganeva	25 Sep 2018 14:10
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
2143	Bug	Resolved	Normal	Project file with failed simulation job complains during loading	herck	Sprint 38	herck	13 Sep 2018 11:27
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
2140	Feature	Resolved	Normal	Rewrite lines_of_code script to not to rely on ROOT	pospelov	Sprint 38	pospelov	11 Sep 2018 14:34
2139	Bug	Resolved	Normal	Inconsistent impact of Euler rotation on simulation/3D view	herck	Sprint 38	pospelov	11 Sep 2018 15:43
2137	Refactoring	Resolved	Normal	Import data assistant minor changes	juan	Sprint 39	herck	10 Oct 2018 13:27
2136	Bug	Rejected	Normal	Memory leak			herck	22 Jan 2019 09:45

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2135	Bug	Resolved	Normal	Problem with Icosahedron formfactor position	herck	Sprint 38	herck	09 Aug 2018 13:48
2134	Feature	Resolved	Normal	Create translator from numpy arrays to OutputData	dmitry	Sprint 38	dmitry	01 Aug 2018 19:39
2132	Feature	Resolved	Normal	Provide possibility to have the reference point of full spheres at their center instead of at the bottom	herck	Sprint 38	herck	31 Jul 2018 13:33
2131	Bug	Resolved	Normal	Fix memory leak in factory methods when used from Python	herck	Sprint 38	herck	30 Jul 2018 18:50
2129	Bug	Rejected	Normal	Limits: Positive -- Throws error	herck	Sprint 38	juan	31 Jul 2018 11:33
2128	Bug	Rejected	Normal	Distributed parameter: "None" -- Gives wrong error message	herck	Sprint 38	juan	26 Sep 2018 11:19
2127	Feature	Resolved	Normal	Convert functional tests for specular fits to the new FitObjective machinery	dmitry	Sprint 38	pospelov	30 Jul 2018 19:32
2126	Feature	Rejected	Normal	Make default fit observer for specular simulations work with several data sets			dmitry	18 Sep 2020 22:57
2125	Bug	Resolved	Normal	Calculation of maximum reciprocal lattice points to consider for 2d lattice is wrong	herck	Sprint 38	herck	27 Jul 2018 16:46
2124	Bug	Rejected	Normal	Successive call to SimulationResult.data() causes segmentation fault	dmitry	Sprint 38	dmitry	30 Jul 2018 16:33
2123	Bug	Resolved	Normal	GUI: switching to another fit parameter causes plot reset to the initial value of previous fit parameter	pospelov	Sprint 38	dmitry	05 Oct 2018 11:47
2121	Testing	Rejected	Normal	Consider using mutation testing			herck	18 Sep 2020 23:41
2119	Feature	Resolved	Normal	Write collection of functional tests for FitObjective	pospelov	Sprint 38	pospelov	30 Jul 2018 11:13
2117	Feature	Rejected	Normal	Provide buildbot configuration to test "make install" in user directory			pospelov	18 Sep 2020 22:41
2116	Bug	Resolved	Normal	Provide valid editing for fit parameters in GUI	dmitry	Sprint 39	dmitry	30 Nov 2018 15:37
2115	Feature	Resolved	Normal	Code dependencies: replace boost::filesystem by C++17 std::			pospelov	01 Dec 2020 22:29
2113	Feature	Resolved	Normal	Boost: remove regex dependency	herck	Sprint 38	pospelov	13 Jul 2018 16:20
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
2104	Feature	Resolved	Normal	Integrate 3d lattice interference function into core framework	herck	Sprint 38	herck	10 Jul 2018 13:21
2103	Feature	Resolved	Normal	Add 3D interference function	herck	Sprint 38	herck	29 Jun 2018 18:45
2102	Feature	Resolved	Normal	GUI: switch fitting in GUI from FitSuite to FitObjective	pospelov	Sprint 39	pospelov	25 Oct 2018 14:30
2101	Refactoring	Resolved	Normal	ParticleDistribution::generateParticles(): remove possible memory leaks	herck	Sprint 38	herck	27 Jun 2018 15:17
2100	Configuration	Rejected	Normal	Make boost iostreams, zlib and bzip submodules in the project			dmitry	12 Feb 2019 16:16
2098	Feature	Resolved	Normal	Provide weights for ParticleLayout	herck	Sprint 38	herck	10 Jul 2018 18:30
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
2096	Refactoring	Resolved	Normal	Simplify interference function strategy implementation	herck	Sprint 38	herck	21 Jun 2018 16:44
2095	Feature	Resolved	Normal	Enable averaged layer materials for all IComputations	herck	Sprint 38	herck	25 Jun 2018 18:41
2092	Bug	Resolved	Normal	GUI: Top level thickness error	pospelov	Sprint 38	ganeva	21 Jun 2018 14:57
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
2082	Feature	Resolved	Normal	3D view: implement 1D interference function	anikhalder	Sprint 38	pospelov	15 Jun 2018 13:11
2081	Documentation	Resolved	Normal	Update documentation related to reflectometry and depth probe	dmitry	Sprint 38	dmitry	27 Jul 2018 15:49
2080	Refactoring	Resolved	Normal	Refactor computation machinery	herck	Sprint 38	herck	20 Jun 2018 12:14
2079	Feature	Resolved	Normal	Introduce SimulationBuilder and refactor FitSuite accordingly	pospelov	Sprint 38	pospelov	29 Jun 2018 11:36
2078	Refactoring	Resolved	Normal	Switch FitSuite to the new minimizer kernel	pospelov	Sprint 38	pospelov	20 Jun 2018 18:44
2077	Documentation	Rejected	Normal	Update ParticleDistribution tutorial			pospelov	18 Sep 2020 18:26
2076	Bug	Resolved	Normal	Beam distribution editors are not updating on parameter change	pospelov	Sprint 38	pospelov	19 Jun 2018 16:57
2075	Documentation	Resolved	Normal	Fix interference function tutorials in the part of the "decay length"	pospelov	Sprint 41	pospelov	02 Aug 2019 11:28
2073	Feature	Rejected	Normal	Define objectives for Sprint 38		Sprint 38	pospelov	27 Sep 2018 14:02
2071	Feature	Resolved	Normal	3D view: profile 3D view for performance when number of particles is large	pospelov	Sprint 38	pospelov	14 Jun 2018 15:12
2070	Feature	Resolved	Normal	3D view: modify default particle density of GUI examples to look reasonable in 3D view	herck	Sprint 38	pospelov	09 Aug 2018 15:18
2069	Bug	Resolved	Normal	Loading GUI first time takes 30 minutes	pospelov	Sprint 38	herck	12 Jun 2018 15:10
2068	Bug	Resolved	Normal	Missing analyzer direction in GUI	herck	Sprint 38	herck	12 Jun 2018 15:31
2065	Feature	Rejected	Normal	Enable roi for off-specular instrument			dmitry	18 Sep 2020 19:53
2061	Bug	Resolved	Normal	Prevent RealSpaceDialog from making the GUI crash	herck	Sprint 37	herck	28 May 2018 16:48
2060	Bug	Resolved	Normal	RealSpaceDialog doesn't stay on top on Mac	herck	Sprint 37	herck	28 May 2018 12:52
2059	Documentation	Resolved	Normal	Revise all Python examples	pospelov	Sprint 37	pospelov	28 May 2018 11:49
2057	Documentation	Resolved	Normal	Update "Importing experimental data" tutorial	pospelov	Sprint 37	pospelov	30 May 2018 17:52
2055	Bug	Rejected	Normal	BornAgain cannot fit multiple datasets if sample is created with sample builder			dmitry	11 Dec 2018 14:35
2054	Bug	Resolved	Normal	InterferenceFunction2DLattice handles integration over xi wrongly	herck	Sprint 37	herck	18 May 2018 18:50
2053	Bug	Resolved	Normal	GUI (Win) whitespaces are missing in saved projection ascii file	herck	Sprint 37	ganeva	23 May 2018 15:43
2052	Refactoring	Resolved	Normal	Consider switching to C++17			dmitry	24 Jun 2020 18:29
2051	Feature	Resolved	Normal	Provide loading and using from GUI 1D real data	dmitry	Sprint 38	dmitry	02 Jul 2018 09:03

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2049	Bug	Resolved	Normal	GUI-> Crash on Instrument->Clone	herck	Sprint 37	ganeva	14 May 2018 18:48
2048	Configuration	Resolved	Normal	Get rid of CMAKE_LIBRARY_PATH	dmitry	Sprint 37	dmitry	14 May 2018 08:22
2047	Feature	Resolved	Normal	Fix compilation failures if fftw3, libtiff or Python are static.	pospelov	Sprint 41	pospelov	26 Jul 2019 17:00
2046	Feature	Rejected	Normal	Provide defense against running Python script with wrong version of Python interpreter			pospelov	18 Sep 2020 22:39
2045	Refactoring	Resolved	Normal	Verify and possibly correct Quaternion construction from our Euler angles in RealSpace::Object::transform	herck	Sprint 37	herck	07 May 2018 09:56
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
2043	Feature	Resolved	Normal	Implement lattice block particle	herck	Sprint 37	herck	24 Apr 2018 16:11
2042	Feature	Resolved	Normal	Create and use icon for finite 2d lattice	pospelov	Sprint 37	herck	28 May 2018 12:51
2041	Feature	Resolved	Normal	Implement features for the analysis of data from Dulle and Fruhner	herck		herck	19 Feb 2019 18:23
2040	Documentation	Resolved	Normal	Website: update all fitting tutorials and Python examples to the new fitting mechanism.	pospelov	Sprint 39	pospelov	30 Nov 2018 11:33
2039	Feature	Resolved	Normal	Switch all Python fitting examples from FitSuite to the new Minimizer	pospelov	Sprint 38	pospelov	30 Jul 2018 11:13
2038	Refactoring	Resolved	Normal	Refactor Minimizer interface	pospelov	Sprint 38	pospelov	20 Jun 2018 18:44
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
2035	Bug	Resolved	Normal	Specular peak disappears if ROI is set	herck	Sprint 37	ganeva	22 May 2018 17:22
2033	Refactoring	Resolved	Normal	Investigate FitSuite refactoring in the context of external minimizer	pospelov	Sprint 37	pospelov	20 Apr 2018 14:34
2032	Refactoring	Resolved	Normal	Update Examples/Demos for Python3			ganeva	10 May 2019 16:53
2031	Refactoring	Resolved	Normal	replace obsolete qt5_use_modules	herck	Sprint 37	wuttke	23 May 2018 11:39
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
2023	Feature	Resolved	Normal	Provide finite 2d lattice interference function (with position fluctuations)	herck	Sprint 37	herck	16 Apr 2018 18:22
2022	Documentation	Resolved	Normal	Website: provide automatic generation of Python example summary	pospelov	Sprint 37	pospelov	26 Mar 2018 15:27
2021	Bug	Rejected	Normal	GUI crash while import python script	herck	Sprint 37	dmitry	23 May 2018 15:55
2019	Bug	Rejected	Normal	Windows build occasionally fails		Sprint 37	dmitry	20 Mar 2018 14:33
2018	Feature	Resolved	Normal	Revise RealDataItem and the way it handles cropped experimental data	pospelov	Sprint 37	pospelov	16 Apr 2018 15:57
2017	Documentation	Resolved	Normal	Website: create about section	pospelov	Sprint 37	pospelov	26 Mar 2018 18:05

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2016	Documentation	Resolved	Normal	Website: create contact section	pospelov	Sprint 37	pospelov	27 Mar 2018 19:07
2015	Documentation	Resolved	Normal	Website: create download section	pospelov	Sprint 37	pospelov	22 Mar 2018 19:09
2014	Refactoring	Resolved	Normal	Provide uniform access interface for simulation/fitting results	pospelov	Sprint 37	dmitry	13 Apr 2018 19:01
2012	Feature	Resolved	Normal	Reenable openMPI calculations	herck	Sprint 37	herck	16 Mar 2018 18:10
2010	Bug	Resolved	Normal	cmake should notify user if eigen3 is not found	dmitry	Sprint 37	ganeva	09 Apr 2018 09:24
2009	Bug	Rejected	Normal	qwindowsvistatsyle.dll cannot be found under Qt5.9.3 on windows		Sprint 37	dmitry	14 Mar 2018 10:35
2008	Bug	Resolved	Normal	GUI->Fitting: ROI in experimental data causes NaN fitting parameters	pospelov		ganeva	21 Mar 2018 17:50
2007	Bug	Resolved	Normal	GUI->Instrument view-> entering floating point numbers	herck		ganeva	21 Mar 2018 17:50
2006	Feature	Resolved	Normal	Core: implement instrument type for depth probes (evanescent wave)	dmitry	Sprint 37	pospelov	03 Apr 2018 18:07
2005	Documentation	Resolved	Normal	Website: switch bornagainproject.org to the new website	pospelov	Sprint 37	pospelov	30 May 2018 09:54
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
2002	Documentation	Resolved	Normal	Website: port all release letters	dmitry	Sprint 37	pospelov	04 Apr 2018 18:24
2001	Documentation	Resolved	Normal	Website: port "functionality overview" to Hugo	herck	Sprint 37	pospelov	24 May 2018 12:25
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
1997	Bug	Resolved	Normal	GUI: fit view shows experimental/simulated data in different scale	herck	Sprint 37	pospelov	22 May 2018 18:36
1995	Refactoring	Resolved	Normal	Remove obsolete Find<library> files in cmake/generic/modules	herck	Sprint 37	herck	07 Mar 2018 12:08
1993	Bug	Resolved	Normal	Plot ticks are not updated if axes changed in real time view	pospelov		dmitry	21 Mar 2018 17:50
1991	Bug	Resolved	Normal	Cannot add real data to off-specular instrument	dmitry	Sprint 37	dmitry	26 Apr 2018 18:35
1989	Bug	Rejected	Normal	BornAgain crash after loading different project	herck	Sprint 36	herck	28 Feb 2018 17:30
1987	Refactoring	Resolved	Normal	Replace Qt's foreach with c++ range-based for loop	herck	Sprint 37	herck	18 Apr 2018 10:04
1986	Bug	Resolved	Normal	GUI: splitter between ColorMap and RealTimeWidget jumps on parameter tuning	pospelov	Sprint 36	pospelov	01 Mar 2018 15:21
1985	Bug	Resolved	Normal	Changing parameter in realtime view switches back to fitview	herck	Sprint 36	herck	28 Feb 2018 11:57
1983	Bug	Resolved	Normal	GUI crash on project close	pospelov	Sprint 36	pospelov	28 Feb 2018 12:49
1982	Bug	Resolved	Normal	GUI: fit of particles with size distributions causes negative values	pospelov	Sprint 36	ganeva	28 Feb 2018 21:07
1981	Bug	Resolved	Normal	BornAgain GUI: cannot fit beam parameters with distributions	dmitry	Sprint 36	ganeva	01 Mar 2018 13:54
1980	Bug	Resolved	Normal	GUI: fitting of incident angle	herck	Sprint 36	ganeva	02 Mar 2018 10:18
1979	Bug	Resolved	Normal	BornAgain GUI: cannot fit the constant background	dmitry	Sprint 36	ganeva	28 Feb 2018 13:57
1978	Bug	Resolved	Normal	GUI on mac os x: Number of MC points drops to zero	herck	Sprint 36	ganeva	01 Mar 2018 17:17
1977	Bug	Resolved	Normal	GUI on mac os x: Python script view window cannot be resized	pospelov	Sprint 36	ganeva	01 Mar 2018 15:21

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1976	Bug	Resolved	Normal	BornAgain GUI style in Windows and MacOS is not flat anymore in Qt5.10	pospelov	Sprint 36	pospelov	23 Feb 2018 17:46
1974	Feature	Resolved	Normal	Provide full-fledged functionality for specular simulation in DomainSimulationBuilder	dmitry	Sprint 37	dmitry	07 Mar 2018 13:24
1973	Bug	Rejected	Normal	BornAgain functional tests fail under Python 3.6		Sprint 36	dmitry	21 Feb 2018 14:56
1970	Bug	Resolved	Normal	Rearrange directory structure of Win installer	herck	Sprint 36	pospelov	22 Feb 2018 16:27
1969	Feature	Resolved	Normal	Enable distribution of inclination angle in off-specular simulation	herck	Sprint 36	herck	19 Feb 2018 18:17
1968	Documentation	Resolved	Normal	Website: finalize migration to Hugo based website	pospelov	Sprint 37	pospelov	27 Mar 2018 19:07
1967	Bug	Rejected	Normal	Real time view of specular doesn't work	herck	Sprint 36	herck	20 Feb 2018 15:25
1966	Bug	Resolved	Normal	GUI crash: switch project after job removal	herck	Sprint 36	herck	19 Feb 2018 14:25
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
1963	Documentation	Rejected	Normal	Website: web-link highlight in tables		Sprint 36	dmitry	16 Feb 2018 14:25
1962	Bug	Resolved	Normal	GUI crashes on recent project load	herck	Sprint 36	dmitry	16 Feb 2018 10:50
1961	Bug	Resolved	Normal	Numerous fixes for beam divergence and footprint	dmitry	Sprint 36	dmitry	09 Feb 2018 12:24
1960	Documentation	Resolved	Normal	Website: port "Troubleshooting and FAQ" to Hugo	herck	Sprint 36	pospelov	08 Feb 2018 14:27
1959	Documentation	Resolved	Normal	Website: port "Using Graphical User Interface" to Hugo	ganeva	Sprint 36	pospelov	13 Feb 2018 09:45
1958	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 4	dmitry	Sprint 36	pospelov	14 Feb 2018 12:19
1957	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 3	ganeva	Sprint 36	pospelov	13 Feb 2018 16:33
1956	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 2	dmitry	Sprint 36	pospelov	14 Feb 2018 18:22
1955	Feature	Resolved	Normal	Revise axes labels in all Python examples	herck	Sprint 36	pospelov	20 Feb 2018 12:30
1954	Refactoring	Resolved	Normal	Use new unit conversions from core in GUI	pospelov	Sprint 37	herck	16 Apr 2018 15:58
1953	Refactoring	Resolved	Normal	Refactor real space viewing library for easy integration into GUI and better maintenance	herck	Sprint 36	herck	06 Feb 2018 13:39
1952	Documentation	Resolved	Normal	Update "Accessing simulation results" tutorial	pospelov	Sprint 37	herck	28 May 2018 18:12
1951	Feature	Rejected	Normal	Apply new unit conversion machinery for SpecularSimulation	dmitry	Sprint 36	dmitry	15 Feb 2018 17:31
1950	Feature	Rejected	Normal	Investigate hdf5 as default format for BornAgain data files			pospelov	26 Jun 2020 16:43
1949	Refactoring	Resolved	Normal	Restrict usage of simulation results to result() method (remove the other ones)	herck	Sprint 36	herck	31 Jan 2018 18:49
1948	Feature	Resolved	Normal	Provide fourier transformation of simulated image in GUI	anikhalder	Sprint 36	pospelov	31 Jan 2018 13:15
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
1945	Bug	Resolved	Normal	GUI: switch ColorMap label to scientific notation	pospelov	Sprint 36	pospelov	25 Jan 2018 10:53
1944	Bug	Resolved	Normal	GUI: provide automatic TotalSurfaceDensity update on lattice parameter change	pospelov	Sprint 36	pospelov	25 Jan 2018 10:53

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1943	Refactoring	Resolved	Normal	Remove creation of simulation elements from SpecularDetector1D	dmitry	Sprint 36	dmitry	23 Jan 2018 16:23
1942	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 1	herck	Sprint 36	pospelov	13 Feb 2018 15:56
1941	Documentation	Resolved	Normal	Website: port Python examples section to Hugo	anikhalder	Sprint 36	pospelov	20 Feb 2018 14:41
1940	Documentation	Resolved	Normal	Website: port installation instructions to Hugo	herck	Sprint 37	pospelov	08 May 2018 15:16
1939	Refactoring	Rejected	Normal	Move the angle span from SpecularDetector1D to the beam			dmitry	23 Jan 2018 17:40
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
1935	Feature	Resolved	Normal	GUI: create uniform icons for GISAS, OffSpec and Specular instruments	pospelov	Sprint 36	pospelov	06 Feb 2018 17:25
1934	Refactoring	Resolved	Normal	Move creation of simulation elements out of instrument/detector	herck	Sprint 36	herck	17 Jan 2018 15:26
1933	Feature	Resolved	Normal	Provide same functionality for offspecular simulation as for GISASSimulation	herck	Sprint 36	herck	26 Jan 2018 18:36
1932	Feature	Rejected	Normal	Implement rectangular detector for offspecular simulation	herck	Sprint 36	herck	18 Jan 2018 10:55
1931	Feature	Resolved	Normal	Implement footprint correction	dmitry	Sprint 36	dmitry	18 Jan 2018 11:25
1930	Refactoring	Resolved	Normal	Refactor OffSpecSimulation	herck	Sprint 36	herck	17 Jan 2018 15:26
1929	Feature	Resolved	Normal	Switch Python3 ON by default	herck	Sprint 36	pospelov	26 Feb 2018 15:56
1925	Refactoring	Resolved	Normal	Functional tests have become considerably slower starting from pull request #336	herck	Sprint 36	herck	14 Dec 2017 13:16
1922	Bug	Resolved	Normal	GUI: using tab after entering parameter value puts back the old value	pospelov	Sprint 36	herck	13 Dec 2017 13:30
1921	Feature	Resolved	Normal	Move GUI unit tests from QtTest to google test	pospelov	Sprint 36	pospelov	11 Dec 2017 16:32
1920	Feature	Resolved	Normal	Adapt BornAgain GUI for 4k displays			pospelov	24 Jun 2020 15:31
1919	Bug	Resolved	Normal	Entering negative values for delta/beta in MaterialEditor is not enabled	herck	Sprint 36	herck	08 Dec 2017 13:41
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
1914	Bug	Resolved	Normal	Lattice::reciprocalLatticeVectorsWithinRadius does not behave as expected	herck	Sprint 36	herck	07 Dec 2017 13:17
1912	Feature	Resolved	Normal	Provide combobox for background selection	herck	Sprint 36	herck	01 Dec 2017 11:12
1911	Bug	Resolved	Normal	Revise SessionItem::setData method	pospelov	Sprint 36	pospelov	13 Dec 2017 12:01
1910	Feature	Resolved	Normal	Employ 1D detector and get rid of virtual runSimulation in SpecularSimulation	dmitry	Sprint 36	dmitry	05 Dec 2017 10:44
1909	Feature	Resolved	Normal	Correctly provide translation of background to Python/GUI/domain	herck	Sprint 36	herck	30 Nov 2017 18:22
1908	Feature	Resolved	Normal	Add background option to GUI	herck	Sprint 36	herck	29 Nov 2017 16:02
1907	Feature	Resolved	Normal	Merge ComboProperty and GroupProperty	pospelov	Sprint 36	pospelov	07 Dec 2017 12:36
1906	Feature	Resolved	Normal	Add functional test for specular simulation	dmitry	Sprint 36	dmitry	28 Nov 2017 14:12
1905	Feature	Resolved	Normal	Provide access to minimizer catalogue from python	pospelov	Sprint 36	pospelov	19 Dec 2017 12:34

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1904	Feature	Resolved	Normal	Replace MaterialProperty and ColorProperty with universal property	pospelov	Sprint 36	pospelov	05 Dec 2017 12:14
1902	Feature	Resolved	Normal	Add 1D detector for specular simulations	dmitry	Sprint 36	dmitry	24 Nov 2017 12:36
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
1895	Feature	Resolved	Normal	Make an IDetector base class independent on dimensionality of the detector	dmitry	Sprint 36	dmitry	22 Nov 2017 10:42
1892	Feature	Resolved	Normal	GUI: refactor instrument view for better appearance of polarization related widgets	pospelov	Sprint 36	pospelov	12 Jan 2018 16:43
1891	Bug	Resolved	Normal	GUI: crash in import data view when linking to instrument	pospelov	Sprint 36	pospelov	13 Dec 2017 13:30
1887	Refactoring	Rejected	Normal	Switch to new signal/slot mechanism in Qt (since c++11)			herck	24 Jun 2020 18:54
1886	Bug	Rejected	Normal	Average materials do not work if more than one layout is connected to the layer	herck	Sprint 36	ganeva	15 Nov 2017 13:00
1885	Feature	Resolved	Normal	BornAgain GUI should open a project even if image files are missing	pospelov	Sprint 36	ganeva	14 Dec 2017 17:22
1884	Feature	Resolved	Normal	Provide common interface for Simulation and SpecularSimulation	dmitry	Sprint 36	dmitry	17 Nov 2017 12:48
1883	Bug	Rejected	Normal	Make MaterialItem create proper type of material		Sprint 36	dmitry	22 Jan 2018 09:25
1882	Feature	Resolved	Normal	Provide material type functionality in GUI	pospelov	Sprint 36	dmitry	26 Jan 2018 11:06
1881	Refactoring	Resolved	Normal	Reduce SessionItem interface	herck	Sprint 36	herck	13 Nov 2017 12:10
1880	Documentation	Resolved	Normal	Provide example of new wavelength-independent material usage	dmitry	Sprint 36	dmitry	10 Nov 2017 10:33
1879	Feature	Resolved	Normal	Set default beam intensity to 1 instead of 0	herck	Sprint 36	herck	08 Nov 2017 17:07
1878	Feature	Resolved	Normal	GUI: provide prototype of ComponentEditor not relying on qtpropertybrowser framework	pospelov	Sprint 36	pospelov	23 Nov 2017 18:48
1877	Feature	Rejected	Normal	Revise Utils, Helper, Assistant and Functions usage in file names			pospelov	18 Sep 2020 20:18
1875	Bug	Resolved	Normal	Provide proper export to python for all flavours of materials	dmitry	Sprint 36	dmitry	10 Nov 2017 10:33
1874	Feature	Resolved	Normal	Provide a way to add background to simulated data	herck	Sprint 36	pospelov	28 Nov 2017 17:41
1873	Feature	Rejected	Normal	Consider incoherent scattering			ganeva	18 Sep 2020 23:41
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
1870	Feature	Resolved	Normal	Implement export-to-Python for off-specular instrument	pospelov	Sprint 36	pospelov	08 Feb 2018 16:23
1869	Feature	Resolved	Normal	Implement transform from domain for off-specular instrument	pospelov	Sprint 36	pospelov	22 Feb 2018 10:44

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1868	Feature	Resolved	Normal	GUI: provide off-specular instrument type in GUI	pospelov	Sprint 36	pospelov	17 Jan 2018 14:22
1867	Testing	Resolved	Normal	Provide functional test for translation of magnetic scattering properties	herck	Sprint 36	herck	25 Oct 2017 15:21
1866	Feature	Resolved	Normal	GUI: provide correct translations for polarized scattering: GUI -> Python	herck	Sprint 36	herck	24 Oct 2017 17:15
1865	Feature	Resolved	Normal	GUI: provide correct translations for polarized scattering: domain -> GUI	herck	Sprint 36	herck	24 Oct 2017 12:50
1863	Configuration	Resolved	Normal	Fix changing of working directory by build script on Windows buildslave	herck	Sprint 36	herck	18 Oct 2017 17:44
1861	Feature	Resolved	Normal	Provide evaluation of SLD profile across the sample layers	herck	Sprint 41	dmitry	18 Sep 2020 20:08
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
1856	Refactoring	Resolved	Normal	Refactor JobView to present JobItem uniformly	pospelov	Sprint 36	pospelov	23 Oct 2017 12:41
1855	Feature	Resolved	Normal	Modify installation instructions for Win and MacOS to stress forthcoming Python3 transition		Sprint 36	pospelov	02 Mar 2018 14:26
1854	Feature	Resolved	Normal	Provide Python3 based MacOS installer	pospelov	Sprint 36	pospelov	23 Feb 2018 17:46
1853	Feature	Resolved	Normal	Provide Python3 based Windows installer	herck	Sprint 36	pospelov	07 Nov 2017 16:17
1852	Documentation	Resolved	Normal	Remove Eigen3 dependency on BornAgain website before releasing		Sprint 36	herck	02 Mar 2018 13:59
1851	Configuration	Resolved	Normal	Review, define and configure build configurations on the buildserver	herck	Sprint 36	herck	16 Oct 2017 12:03
1850	Feature	Resolved	Normal	GUI: provide correct translations for polarized scattering: GUI -> domain	herck	Sprint 36	herck	23 Oct 2017 17:22
1849	Feature	Resolved	Normal	Provide materials with magnetization in GUI	herck	Sprint 36	herck	20 Oct 2017 16:26
1848	Feature	Resolved	Normal	GUI: provide polarized beam and polarization analysis for detector	herck	Sprint 36	herck	20 Oct 2017 15:34
1846	Feature	Resolved	Normal	Investigate the effort to implement 3d correlations of particles in DWBA	herck	Sprint 37	herck	14 Mar 2018 15:40
1845	Bug	Resolved	Normal	GUI: add and implement correct translators for the parameters of MesoCrystalItem	herck	Sprint 35	herck	05 Oct 2017 17:08
1844	Refactoring	Resolved	Normal	Verify composition hierarchy of IParticle types in GUI and core	herck	Sprint 35	herck	26 Sep 2017 16:52
1843	Feature	Resolved	Normal	Create icon for MesoCrystal in GUI (widget)	pospelov	Sprint 35	herck	06 Oct 2017 13:23
1842	Feature	Rejected	Normal	Improve simulation performance in the case of large detectors	dmitry	Sprint 36	herck	20 Dec 2017 12:19
1841	Feature	Resolved	Normal	Implement transform from domain to GUI for mesocrystals	herck	Sprint 35	pospelov	05 Oct 2017 11:36
1840	Feature	Resolved	Normal	Implement mesocrystals in GUI	herck	Sprint 35	pospelov	26 Sep 2017 10:06
1839	Feature	Resolved	Normal	Provide export to python script for domain objects containing mesocrystals	herck	Sprint 35	pospelov	07 Oct 2017 12:15
1838	Feature	Resolved	Normal	Create simplified MesoCrystal user example	herck	Sprint 35	herck	15 Sep 2017 10:55
1837	Documentation	Rejected	Normal	Prepare blender files for 3D form factor images rendering			pospelov	08 Oct 2018 09:07
1836	Feature	Resolved	Normal	GUI: update qcustomplot library	pospelov	Sprint 35	pospelov	15 Sep 2017 10:27
1835	Refactoring	Resolved	Normal	Review/refactor slicing machinery	herck	Sprint 35	herck	15 Sep 2017 10:56

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1834	Bug	Resolved	Normal	Python examples do not work in Jupiter notebook	pospelov	Sprint 35	pospelov	11 Aug 2017 14:00
1833	Documentation	Resolved	Normal	Create prototype of hugo-based documentation website.	pospelov	Sprint 35	pospelov	21 Sep 2017 11:05
1832	Bug	Resolved	Normal	Fitting example FitSphereInHexLattice runs suspiciously long	pospelov	Sprint 35	pospelov	28 Jul 2017 15:59
1831	Documentation	Resolved	Normal	Add top cap removal parameterization to documentation of truncated sphere and spheroid form factor	herck	Sprint 38	herck	02 Aug 2018 18:00
1830	Bug	Resolved	Normal	Integration over xi is not translated to Python for square and hexagonal lattices	herck	Sprint 35	herck	27 Jul 2017 10:19
1829	Feature	Resolved	Normal	Revise fresnel coefficients calculations in the case of Monte-Carlo integration	herck	Sprint 35	pospelov	27 Jul 2017 13:09
1828	Bug	Resolved	Normal	Simulation cloning might lead to segfault if SampleBuiler present	pospelov	Sprint 35	pospelov	28 Jul 2017 11:02
1827	Bug	Resolved	Normal	GUI: fix SessionModelDelegate for group property	pospelov	Sprint 35	pospelov	31 Jul 2017 16:23
1826	Feature	Rejected	Normal	GUI: revise all tooltips of InstrumentView	pospelov	Sprint 36	pospelov	20 Dec 2017 10:07
1825	Feature	Resolved	Normal	GUI: revise all tooltips of SampleView	pospelov	Sprint 35	pospelov	20 Jul 2017 11:46
1824	Feature	Resolved	Normal	Revise current Python examples	pospelov	Sprint 35	pospelov	25 Jul 2017 16:42
1823	Documentation	Resolved	Normal	Revise current list of Redmine issues	pospelov	Sprint 35	pospelov	15 Sep 2017 12:54
1822	Feature	Resolved	Normal	SWIG: how to report error details from the method overloaded in Python.			pospelov	11 Dec 2017 14:32
1821	Bug	Rejected	Normal	SpecularSimulation gives slightly different results compared to GISASSimulation with specular peak	herck	Sprint 34	herck	03 Jul 2017 11:16
1820	Documentation	Resolved	Normal	Provide Jülich logo on website	herck	Sprint 34	herck	29 Jun 2017 15:51
1819	Feature	Resolved	Normal	Review custom form factors after graded layer approximation	herck	Sprint 35	herck	04 Sep 2017 13:27
1818	Feature	Resolved	Normal	Investigate simulation performance in the case of large detectors	dmitry	Sprint 36	pospelov	18 Dec 2017 10:17
1816	Bug	Resolved	Normal	GUI: minimum value of particle density in particle layouts is fixed to 0.001, which is too strict	herck	Sprint 34	herck	27 Jun 2017 01:51
1815	Bug	Rejected	Normal	GUI: FitView sometimes stops fit progress update		Sprint 35	pospelov	21 Sep 2017 13:17
1814	Feature	Resolved	Normal	GUI: provide FitView with possibility to set same color scale for real and simulated data	pospelov	Sprint 36	pospelov	25 Oct 2017 10:05
1813	Feature	Resolved	Normal	GUI: pop-up modal progress bar dialog on project load	pospelov	Sprint 34	pospelov	27 Jun 2017 13:50
1812	Feature	Resolved	Normal	GUI: provide saving of project in separate thread	pospelov	Sprint 34	pospelov	27 Jun 2017 16:10
1811	Bug	Resolved	Normal	GUI: fitting of roughness parameters is broken for two layers systems	herck	Sprint 34	pospelov	29 May 2017 14:56
1810	Bug	Resolved	Normal	GUI: inconsistency in deg2rad conversion for angle distributions	pospelov	Sprint 34	pospelov	14 Jun 2017 13:50
1809	Bug	Resolved	Normal	Review cross correlation length of multi layer	herck	Sprint 34	pospelov	22 May 2017 18:25
1808	Feature	Resolved	Normal	GUI: restore all form factor tooltips	pospelov	Sprint 35	pospelov	18 Jul 2017 09:56
1807	Feature	Resolved	Normal	Provide integration over xi for 2d lattice interference function	herck	Sprint 35	herck	27 Jul 2017 10:19
1806	Bug	Rejected	Normal	GUI: Zoom of imported data does not work after applying a mask or ROI	herck	Sprint 35	ganeva	31 Jul 2017 09:45

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1804	Feature	Resolved	Normal	Implement FormFactorTrivial in GUI	herck	Sprint 35	pospelov	07 Jul 2017 10:35
1803	Feature	Resolved	Normal	Make plot_intensity_data util aware of current axes units	pospelov	Sprint 35	pospelov	25 Jul 2017 16:42
1802	Bug	Resolved	Normal	GUI: hexagonal lattice becomes square during simulation	herck		herck	12 May 2017 15:12
1798	Bug	Resolved	Normal	Provide check for negative absorption values	herck	Sprint 34	pospelov	15 May 2017 15:39
1797	Documentation	Resolved	Normal	Provide prototype of statically generated documentation based on GitHub pages	pospelov	Sprint 34	pospelov	08 May 2017 09:29
1796	Feature	Rejected	Normal	GUI: consider adding read only property 'Volume' to the form factor			pospelov	15 Sep 2017 12:52
1795	Feature	Resolved	Normal	GUI: make parametrization of FormFactorTruncatedSphere and FormFactorTruncatedSpheroid as in Core	herck	Sprint 35	pospelov	27 Jul 2017 14:55
1794	Bug	Rejected	Normal	GUI: minimizer settings wrongly loaded from project file			pospelov	12 May 2017 15:12
1793	Bug	Resolved	Normal	GUI: get rid of memory leakages in graphics widgets	pospelov	Sprint 34	pospelov	27 Jun 2017 13:50
1792	Bug	Rejected	Normal	Invalid memory access in MaskGraphicsScene destructor		Sprint 34	pospelov	27 Jun 2017 16:02
1791	Bug	Resolved	Normal	Python example FitGalaxiData became much slower	herck	Sprint 34	pospelov	29 Jun 2017 18:14
1790	Bug	Resolved	Normal	MacOS dmg installer contains garbage from libgtest	pospelov	Sprint 34	pospelov	27 Jun 2017 16:01
1789	Bug	Resolved	Normal	GUI: axes range of color map	pospelov	Sprint 33	ganeva	06 Apr 2017 14:18
1788	Bug	Resolved	Normal	Numerical instability in triangular ripple form factor	dmitry	Sprint 35	pospelov	14 Sep 2017 10:51
1787	Feature	Resolved	Normal	Include option for specular peak in GUI	herck	Sprint 33	herck	03 Apr 2017 09:32
1786	Feature	Resolved	Normal	Switch source *.h *.cpp files to new version of header (copyright, authors)	pospelov	Sprint 36	pospelov	20 Dec 2017 13:39
1785	Feature	Resolved	Normal	Add graded layer approximation to GUI	herck	Sprint 33	herck	18 Sep 2020 18:14
1784	Refactoring	Resolved	Normal	Clean up code after implementation of graded layer approximation	herck	Sprint 33	herck	18 Sep 2020 18:14
1783	Feature	Resolved	Normal	GUI: get rid of ScientificDoubleProperty	pospelov	Sprint 36	pospelov	27 Nov 2017 16:07
1782	Feature	Resolved	Normal	GUI: provide restore project on GUI crash	pospelov	Sprint 33	pospelov	29 Mar 2017 18:06
1776	Bug	Resolved	Normal	SpecularSimulation gives wrong results when top layer is not vacuum	herck	Sprint 33	herck	13 Mar 2017 16:53
1774	Feature	Resolved	Normal	Check and document best way of handling magnetic materials under rotations	herck	Sprint 33	herck	09 Mar 2017 17:21
1772	Feature	Resolved	Normal	GUI: implement projections editor for ImportView widget	pospelov	Sprint 36	pospelov	06 Nov 2017 17:12
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

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