

BornAgain - Issues

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

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
366	Feature	Resolved	Normal	Create windows installer package	pospelov	Sprint 16	0	26 Aug 2013 10:00	pospelov
367	Feature	Resolved	Normal	Provide treatment of detector resolution for polarized neutrons	herck	Sprint 16	100	26 Aug 2013 10:49	herck
368	Feature	Resolved	Normal	Provide correct normalization of polarized neutron intensity	herck	Sprint 16	0	26 Aug 2013 10:49	herck
370	Refactoring	Resolved	Normal	Remove unnecessary code duplication introduced during implementation of polarization	herck	Sprint 16	100	26 Aug 2013 11:28	herck
371	Support	Resolved	Normal	Simulate S. Disch's sample	herck	Sprint 16	0	26 Aug 2013 13:25	herck
388	Feature	Resolved	Normal	Test polarization simulation with IsGISAXS03 example	herck	Sprint 16	0	04 Sep 2013 11:19	herck
389	Feature	Resolved	Normal	Make common interface for reflection/transmission coefficients and their maps	herck	Sprint 16	0	04 Sep 2013 11:27	herck
390	Feature	Resolved	Normal	Make implementations of interference functions transparent to whether coefficients are matrix- or scalar-valued	herck	Sprint 16	0	04 Sep 2013 11:29	herck
391	Feature	Resolved	Normal	Compile GUI for windows using cmake-mingw and cmake-msvc	pospelov	Sprint 16	0	06 Sep 2013 14:24	pospelov
392	Feature	Resolved	Normal	Use scalar reflection/transmission coefficients in absence of magnetization in layers (also when the particles might be magnetized)	herck	Sprint 16	0	06 Sep 2013 14:56	herck
399	Feature	Resolved	Normal	Provide diffuse calculation for polarized mesocrystals	herck	Sprint 16	0	17 Sep 2013 14:48	herck
402	Feature	Resolved	Normal	Use cmake in eclipse build	herck	Sprint 16	0	19 Sep 2013 10:35	herck
403	Bug	Resolved	Normal	Debian unittest failure	pospelov	Sprint 16	0	19 Sep 2013 15:32	ganeva
406	Documentation	Resolved	Normal	Review Software Architecture section	pospelov	Sprint 16	0	24 Sep 2013 10:45	pospelov
407	Documentation	Resolved	Normal	Review Installation section	pospelov	Sprint 16	0	24 Sep 2013 16:15	pospelov
408	Documentation	Resolved	Normal	Update wiki page to conform with the UserManual	pospelov	Sprint 16	0	24 Sep 2013 17:27	pospelov
411	Feature	Resolved	Normal	Provide help functions for analysis of polarized OutputData structures	herck	Sprint 16	0	25 Sep 2013 11:20	herck
597	Feature	Resolved	Normal	Attach Instrument view to session model	pospelov	Sprint 21	0	12 Feb 2014 13:44	pospelov
598	Feature	Resolved	Normal	Implement OutputData widget		Sprint 21	0	12 Feb 2014 13:46	pospelov
599	Feature	Resolved	Normal	Extend OutputData widget with projections		Sprint 21	0	12 Feb 2014 13:46	pospelov
603	Feature	Resolved	Normal	Rafactor GUI version of MaterialManager	pospelov	Sprint 21	0	12 Feb 2014 15:11	pospelov
610	Feature	Resolved	Normal	Generate QStandardItem objects from the domain objects	pospelov	Sprint 21	0	14 Feb 2014 13:40	herck
613	Feature	Resolved	Normal	Complete correspondence between domain and GUI model objects		Sprint 21	100	14 Feb 2014 13:42	herck
622	Feature	Resolved	Normal	Implement JobQueueModel and View	pospelov	Sprint 21	100	25 Feb 2014 13:39	pospelov
629	Feature	Resolved	Normal	Complete connection between SessionModel and JobQueueModel	pospelov	Sprint 21	0	25 Feb 2014 13:41	pospelov
635	Feature	Resolved	Normal	Integrate Mahadi's OutputDataWidget into JobQueueView	pospelov	Sprint 21	0	11 Mar 2014 15:57	pospelov
646	Feature	Resolved	Normal	Implement serialization of subitems of ParameterizedItem	herck	Sprint 21	0	10 Apr 2014 21:18	herck
647	Feature	Resolved	Normal	Implement serialization of MaterialManager	pospelov	Sprint 21	0	11 Apr 2014 16:28	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
653	Feature	Resolved	Normal	Implement ParticleView representing ParticleItem	pospelov	Sprint 21	0	14 Apr 2014 11:14	pospelov
654	Feature	Resolved	Normal	Complete IsGISAXS01 sample generation from GUI	pospelov	Sprint 21	0	14 Apr 2014 11:22	pospelov
655	Feature	Resolved	Normal	Implement parameterized items for 1D and 2D paracrystals	pospelov	Sprint 21	0	14 Apr 2014 11:22	pospelov
657	Feature	Resolved	Normal	Provide solution for form factor of big particles	herck	Sprint 21	0	14 Apr 2014 15:21	herck
673	Feature	Resolved	Normal	Provide editing of ParameterizedItem's name in property editor.	pospelov	Sprint 21	0	06 May 2014 11:47	pospelov
678	Feature	Resolved	Normal	Provide automatic switch to JobView after the job is completed.	pospelov	Sprint 21	0	12 May 2014 09:00	pospelov
1478	Feature	Resolved	Normal	Refactor FitParameterLinked to provide simultaneous fit of several sample parameters	pospelov	Sprint 33	0	27 Jun 2016 10:42	pospelov
1484	Refactoring	Resolved	Normal	GUI: refactor InstrumentItem and DetectorItem	pospelov	Sprint 33	0	01 Jul 2016 13:46	pospelov
1485	Refactoring	Resolved	Normal	GUI: refactor InstrumentView	pospelov	Sprint 33	0	01 Jul 2016 13:46	pospelov
1490	Refactoring	Resolved	Normal	GUI: refactor JobView and IntensityData widgets	pospelov	Sprint 33	0	01 Jul 2016 13:48	pospelov
1492	Refactoring	Resolved	Normal	GUI: Unify WarningSignWidget usage across the whole project	pospelov	Sprint 33	0	01 Jul 2016 13:49	pospelov
1562	Feature	Resolved	Normal	Provide ISample with possibility to export parameter tree in Python dictionary	pospelov	Sprint 33	0	03 Aug 2016 08:26	pospelov
1623	Refactoring	Resolved	Normal	Parameter name translation (GUI -> domain)	pospelov	Sprint 33	0	02 Nov 2016 15:45	herck
1624	Feature	Resolved	Normal	Make all reasonable parameter values into fittable parameter	pospelov	Sprint 33	0	02 Nov 2016 15:47	herck
1633	Bug	Resolved	Normal	Possible memory leakage in LayerStrategyBuilder.	herck	Sprint 33	0	11 Nov 2016 14:42	pospelov
1639	Bug	Resolved	Normal	GUI: crash if fitting parameter removed	herck	Sprint 33	0	14 Nov 2016 17:56	ganeva
1641	Bug	Resolved	Normal	histogram2d test fails under certain configurations	pospelov	Sprint 33	0	16 Nov 2016 10:32	jmfisher
1652	Refactoring	Resolved	Normal	Sort namespaces, and provide Doxygen comments	wuttke	Sprint 33	0	20 Nov 2016 10:41	wuttke
1653	Feature	Resolved	Normal	Outcome of BornAgain user meetings in November		Sprint 33	0	20 Nov 2016 13:55	pospelov
1658	Bug	Resolved	Normal	add qt5-svg as a dependency		Sprint 33	0	22 Nov 2016 09:31	jmfisher
1659	Refactoring	Resolved	Normal	rename PixelMap -> Pixel	herck	Sprint 33	0	22 Nov 2016 10:01	wuttke
1660	Refactoring	Resolved	Normal	remove global functions	wuttke	Sprint 33	0	22 Nov 2016 10:33	wuttke
1661	Bug	Resolved	Normal	FitSuite doesn't know about TestMinimizer	pospelov	Sprint 33	0	22 Nov 2016 15:16	pospelov
1662	Bug	Resolved	Normal	CMake: require Qt version 5.4		Sprint 33	0	22 Nov 2016 15:53	pospelov
1664	Bug	Resolved	Normal	FitSuite.runFit() crashes with unclear error message	herck	Sprint 33	0	23 Nov 2016 11:02	herck
1667	Feature	Resolved	Normal	Read DESY/dpdak tiff files to BornAgain GUI		Sprint 33	100	24 Nov 2016 10:06	ganeva
1669	Feature	Resolved	Normal	Allow for multiple form factors (dwba or not) in FromFactorWrapper and rename accordingly	herck	Sprint 33	0	24 Nov 2016 11:27	herck
1670	Feature	Resolved	Normal	Provide interface for adding particle shapes in different layers that are to be treated coherently (at fix relative position)	herck	Sprint 33	0	24 Nov 2016 11:28	herck
1671	Feature	Resolved	Normal	Provide automatic splitting of particle shapes when they cross a layer interface	herck	Sprint 33	0	24 Nov 2016 11:29	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1672	Feature	Resolved	Normal	Implement subdivision of a layer into multiple layers for graded interface calculations	herck	Sprint 33	0	24 Nov 2016 11:30	herck
1674	Bug	Resolved	Normal	Possible bug introduced in Polygon in Python context	pospelov	Sprint 33	0	24 Nov 2016 14:34	pospelov
1681	Bug	Resolved	Normal	Fitting GUI: free parameter error	pospelov	Sprint 33	0	25 Nov 2016 12:32	ganeva
1683	Feature	Resolved	Normal	GUI: provide persistence of plot settings (interpolation, color scale, ...)	pospelov	Sprint 33	0	28 Nov 2016 14:16	herck
1687	Bug	Resolved	Normal	LMA is incorrectly normalized	herck	Sprint 33	0	28 Nov 2016 15:45	herck
1692	Bug	Resolved	Normal	GUI and Py: simulation crash when sample contains undefined material	pospelov	Sprint 33	0	01 Dec 2016 09:33	pospelov
1696	Feature	Resolved	Normal	GUI: Improve drag-and-drop construction of a MultiLayer.	herck	Sprint 33	0	01 Dec 2016 13:53	wuttke
1702	Feature	Resolved	Normal	Fit: Provide extended print output for fit parameters during iterations.	pospelov	Sprint 33	0	01 Dec 2016 14:35	wuttke
1729	Configuration	Resolved	Normal	Fix centos7 CI build on buildbot	herck	Sprint 33	0	06 Dec 2016 16:54	herck
1730	Refactoring	Resolved	Normal	Refactor ICompositeSample hierarchy	pospelov	Sprint 33	0	06 Dec 2016 17:44	pospelov
1745	Bug	Resolved	Normal	GUI: resolution function for spherical detector doesn't affect simulation.	pospelov	Sprint 33	0	12 Jan 2017 17:26	pospelov
1753	Feature	Resolved	Normal	Create specular peak user example and functional test.	herck	Sprint 33	0	19 Jan 2017 12:10	pospelov
1763	Feature	Resolved	Normal	Revise ParameterDistribution constructors and exceptions	pospelov	Sprint 33	0	01 Feb 2017 20:26	pospelov
1769	Feature	Resolved	Normal	support TIFF data from A. Nent		Sprint 33	0	21 Feb 2017 12:22	wuttke
1774	Feature	Resolved	Normal	Check and document best way of handling magnetic materials under rotations	herck	Sprint 33	0	06 Mar 2017 17:08	herck
1776	Bug	Resolved	Normal	SpecularSimulation gives wrong results when top layer is not vacuum	herck	Sprint 33	0	13 Mar 2017 13:15	herck
1782	Feature	Resolved	Normal	GUI: provide restore project on GUI crash	pospelov	Sprint 33	0	22 Mar 2017 15:14	pospelov
1784	Refactoring	Resolved	Normal	Clean up code after implementation of graded layer approximation	herck	Sprint 33	0	27 Mar 2017 13:15	herck
1785	Feature	Resolved	Normal	Add graded layer approximation to GUI	herck	Sprint 33	0	27 Mar 2017 17:51	herck
1787	Feature	Resolved	Normal	Include option for specular peak in GUI	herck	Sprint 33	0	30 Mar 2017 15:17	herck
1789	Bug	Resolved	Normal	GUI: axes range of color map	pospelov	Sprint 33	0	06 Apr 2017 08:31	ganeva
1131	Documentation	Resolved	Normal	Create tutorial explaining interference function parameterization	pospelov	Sprint 34	0	15 Jul 2015 17:27	pospelov
1522	Documentation	Resolved	Normal	Create python example with polarized neutrons and magnetic materials	herck	Sprint 34	0	19 Jul 2016 16:13	pospelov
1609	Testing	Resolved	Normal	Clarify relation between PyPersistence tests and tutorial examples	pospelov	Sprint 34	0	27 Sep 2016 09:14	pospelov
1740	Feature	Resolved	Normal	Implement polarized scattering on magnetic nanoparticles using the magnetization instead of the B-field	herck	Sprint 34	0	16 Dec 2016 11:29	herck
1762	Feature	Resolved	Normal	GUI: create tooltips for interference function items	pospelov	Sprint 34	0	01 Feb 2017 09:23	pospelov
1765	Bug	Resolved	Normal	GUI: ExportToPython generates unsorted material labels.	pospelov	Sprint 34	0	13 Feb 2017 18:20	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1790	Bug	Resolved	Normal	MacOS dmg installer contains garbage from libgtest	pospelov	Sprint 34	0	06 Apr 2017 15:17	pospelov
1791	Bug	Resolved	Normal	Python example FitGalaxiData became much slower	herck	Sprint 34	0	06 Apr 2017 15:33	pospelov
1793	Bug	Resolved	Normal	GUI: get rid of memory leakages in graphics widgets	pospelov	Sprint 34	0	06 Apr 2017 19:25	pospelov
1797	Documentation	Resolved	Normal	Provide prototype of statically generated documentation based on GitHub pages	pospelov	Sprint 34	0	11 Apr 2017 08:35	pospelov
1798	Bug	Resolved	Normal	Provide check for negative absorption values	herck	Sprint 34	0	24 Apr 2017 16:29	pospelov
1809	Bug	Resolved	Normal	Review cross correlation length of multi layer	herck	Sprint 34	0	19 May 2017 13:36	pospelov
1810	Bug	Resolved	Normal	GUI: inconsistency in deg2rad conversion for angle distributions	pospelov	Sprint 34	0	26 May 2017 12:12	pospelov
1811	Bug	Resolved	Normal	GUI: fitting of roughness parameters is broken for two layers systems	herck	Sprint 34	0	29 May 2017 09:05	pospelov
1812	Feature	Resolved	Normal	GUI: provide saving of project in separate thread	pospelov	Sprint 34	0	02 Jun 2017 15:49	pospelov
1813	Feature	Resolved	Normal	GUI: pop-up modal progress bar dialog on project load	pospelov	Sprint 34	0	02 Jun 2017 15:52	pospelov
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	0	09 Jun 2017 22:39	herck
1820	Documentation	Resolved	Normal	Provide Jülich logo on website	herck	Sprint 34	0	23 Jun 2017 12:21	herck
1257	Feature	Resolved	Normal	GUI: provide import into GUI model from python script	pospelov	Sprint 35	0	09 Dec 2015 13:33	pospelov
1509	Bug	Resolved	Normal	Version string should be different for executables generated from 'develop', from feature branches, or from 'master'	herck	Sprint 35	0	12 Jul 2016 14:30	wuttke
1579	Feature	Resolved	Normal	provide trapezoid resolution function to describe instruments with neutron velocity selector	herck	Sprint 35	0	08 Aug 2016 16:16	a.glavic
1617	Feature	Resolved	Normal	Implement rotation of 2D OutputData on 90 deg	dmitry	Sprint 35	100	19 Oct 2016 14:10	pospelov
1618	Feature	Resolved	Normal	Implement rotation of imported data in ImportData view	dmitry	Sprint 35	100	19 Oct 2016 14:11	pospelov
1684	Feature	Resolved	Normal	nicer layout for newsletter@bornagainproject.org	herck	Sprint 35	0	28 Nov 2016 14:25	wuttke
1691	Feature	Resolved	Normal	Decrease number of warnings produced by Windows build	herck	Sprint 35	0	30 Nov 2016 11:07	pospelov
1788	Bug	Resolved	Normal	Numerical instability in triangular ripple form factor	dmitry	Sprint 35	100	05 Apr 2017 13:03	pospelov
1795	Feature	Resolved	Normal	GUI: make parametrization of FormFactorTruncatedSphere and FormFactorTruncatedSpheroid as in Core	herck	Sprint 35	0	07 Apr 2017 11:19	pospelov
1803	Feature	Resolved	Normal	Make plot_intensity_data util aware of current axes units	pospelov	Sprint 35	0	04 May 2017 17:34	pospelov
1804	Feature	Resolved	Normal	Implement FormFactorTrivial in GUI	herck	Sprint 35	0	10 May 2017 17:33	pospelov
1807	Feature	Resolved	Normal	Provide integration over xi for 2d lattice interference function	herck	Sprint 35	0	16 May 2017 15:24	herck
1808	Feature	Resolved	Normal	GUI: restore all form factor tooltips	pospelov	Sprint 35	0	17 May 2017 14:27	pospelov
1819	Feature	Resolved	Normal	Review custom form factors after graded layer approximation	herck	Sprint 35	0	23 Jun 2017 12:17	herck
1823	Documentation	Resolved	Normal	Revise current list of Redmine issues	pospelov	Sprint 35	0	30 Jun 2017 15:38	pospelov
1824	Feature	Resolved	Normal	Revise current Python examples	pospelov	Sprint 35	0	04 Jul 2017 13:33	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1825	Feature	Resolved	Normal	GUI: revise all tooltips of SampleView	pospelov	Sprint 35	0	17 Jul 2017 17:25	pospelov
1827	Bug	Resolved	Normal	GUI: fix SessionModelDelegate for group property	pospelov	Sprint 35	0	20 Jul 2017 13:00	pospelov
1828	Bug	Resolved	Normal	Simulation cloning might lead to segfault if SampleBuiler present	pospelov	Sprint 35	0	25 Jul 2017 12:26	pospelov
1829	Feature	Resolved	Normal	Revise fresnel coefficients calculations in the case of Monte-Carlo integration	herck	Sprint 35	0	25 Jul 2017 15:31	pospelov
1830	Bug	Resolved	Normal	Integration over xi is not translated to Python for square and hexagonal lattices	herck	Sprint 35	0	26 Jul 2017 15:39	herck
1832	Bug	Resolved	Normal	Fitting example FitSphereInHexLattice runs suspiciously long	pospelov	Sprint 35	0	27 Jul 2017 18:08	pospelov
1833	Documentation	Resolved	Normal	Create prototype of hugo-based documentation website.	pospelov	Sprint 35	0	03 Aug 2017 09:43	pospelov
1834	Bug	Resolved	Normal	Python examples do not work in Jupiter notebook	pospelov	Sprint 35	0	11 Aug 2017 12:08	pospelov
1835	Refactoring	Resolved	Normal	Review/refactor slicing machinery	herck	Sprint 35	0	04 Sep 2017 15:57	herck
1836	Feature	Resolved	Normal	GUI: update qcustomplot library	pospelov	Sprint 35	0	13 Sep 2017 15:32	pospelov
1838	Feature	Resolved	Normal	Create simplified MesoCrystal user example	herck	Sprint 35	0	15 Sep 2017 10:54	herck
1839	Feature	Resolved	Normal	Provide export to python script for domain objects containing mesocrystals	herck	Sprint 35	0	18 Sep 2017 11:46	pospelov
1840	Feature	Resolved	Normal	Implement mesocrystals in GUI	herck	Sprint 35	0	18 Sep 2017 11:52	pospelov
1841	Feature	Resolved	Normal	Implement transform from domain to GUI for mesocrystals	herck	Sprint 35	0	18 Sep 2017 11:54	pospelov
1843	Feature	Resolved	Normal	Create icon for MesoCrystal in GUI (widget)	pospelov	Sprint 35	0	25 Sep 2017 18:14	herck
1844	Refactoring	Resolved	Normal	Verify composition hierarchy of IParticle types in GUI and core	herck	Sprint 35	0	25 Sep 2017 18:16	herck
1845	Bug	Resolved	Normal	GUI: add and implement correct translators for the parameters of MesoCrystalItem	herck	Sprint 35	0	26 Sep 2017 15:46	herck
1005	Feature	Resolved	Normal	Create off-specular simulation functional test	pospelov	Sprint 36	0	09 Mar 2015 17:16	pospelov
1772	Feature	Resolved	Normal	GUI: implement projections editor for ImportView widget	pospelov	Sprint 36	0	24 Feb 2017 14:32	pospelov
1783	Feature	Resolved	Normal	GUI: get rid of ScientificDoubleProperty	pospelov	Sprint 36	0	22 Mar 2017 15:21	pospelov
1786	Feature	Resolved	Normal	Switch source *.h *.cpp files to new version of header (copyright, authors)	pospelov	Sprint 36	0	30 Mar 2017 14:21	pospelov
1814	Feature	Resolved	Normal	GUI: provide FitView with possibility to set same color scale for real and simulated data	pospelov	Sprint 36	0	02 Jun 2017 16:10	pospelov
1818	Feature	Resolved	Normal	Investigate simulation performance in the case of large detectors	dmitry	Sprint 36	0	14 Jun 2017 09:04	pospelov
1848	Feature	Resolved	Normal	GUI: provide polarized beam and polarization analysis for detector	herck	Sprint 36	0	09 Oct 2017 16:35	herck
1849	Feature	Resolved	Normal	Provide materials with magnetization in GUI	herck	Sprint 36	0	09 Oct 2017 16:36	herck
1850	Feature	Resolved	Normal	GUI: provide correct translations for polarized scattering: GUI -> domain	herck	Sprint 36	0	09 Oct 2017 16:37	herck
1851	Configuration	Resolved	Normal	Review, define and configure build configurations on the buildserver	herck	Sprint 36	0	10 Oct 2017 12:16	herck
1852	Documentation	Resolved	Normal	Remove Eigen3 dependency on BornAgain website before releasing		Sprint 36	0	13 Oct 2017 16:07	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1853	Feature	Resolved	Normal	Provide Python3 based Windows installer	herck	Sprint 36	0	16 Oct 2017 10:34	pospelov
1854	Feature	Resolved	Normal	Provide Python3 based MacOS installer	pospelov	Sprint 36	0	16 Oct 2017 11:02	pospelov
1855	Feature	Resolved	Normal	Modify installation instructions for Win and MacOS to stress forthcoming Python3 transition		Sprint 36	0	16 Oct 2017 11:04	pospelov
1856	Refactoring	Resolved	Normal	Refactor JobView to present JobItem uniformly	pospelov	Sprint 36	0	16 Oct 2017 18:45	pospelov
1858	Feature	Resolved	Normal	Make possible using scattering length, number densities and scattering length densities as input material data	dmitry	Sprint 36	100	17 Oct 2017 16:08	dmitry
1859	Feature	Resolved	Normal	Implement fitting for specular signal simulations	dmitry	Sprint 36	100	17 Oct 2017 16:15	dmitry
1860	Feature	Resolved	Normal	Allow for instrument resolution in specular calculations	dmitry	Sprint 36	100	17 Oct 2017 16:22	dmitry
1863	Configuration	Resolved	Normal	Fix changing of working directory by build script on Windows builds slave	herck	Sprint 36	0	18 Oct 2017 15:44	herck
1865	Feature	Resolved	Normal	GUI: provide correct translations for polarized scattering: domain -> GUI	herck	Sprint 36	0	23 Oct 2017 17:24	herck
1866	Feature	Resolved	Normal	GUI: provide correct translations for polarized scattering: GUI -> Python	herck	Sprint 36	0	23 Oct 2017 17:24	herck
1867	Testing	Resolved	Normal	Provide functional test for translation of magnetic scattering properties	herck	Sprint 36	0	24 Oct 2017 16:53	herck
1868	Feature	Resolved	Normal	GUI: provide off-specular instrument type in GUI	pospelov	Sprint 36	0	25 Oct 2017 10:11	pospelov
1869	Feature	Resolved	Normal	Implement transform from domain for off-specular instrument	pospelov	Sprint 36	0	25 Oct 2017 10:13	pospelov
1870	Feature	Resolved	Normal	Implement export-to-Python for off-specular instrument	pospelov	Sprint 36	0	25 Oct 2017 10:14	pospelov
1871	Bug	Resolved	Normal	Prevent using WavelengthIndependentMaterial in computations with material averaging or make universal averaging procedure	dmitry	Sprint 36	100	25 Oct 2017 15:20	dmitry
1872	Bug	Resolved	Normal	Prevent user from creating mixed samples with mixed wavelength-dependent and wavelength-independent materials	dmitry	Sprint 36	100	25 Oct 2017 15:52	dmitry
1874	Feature	Resolved	Normal	Provide a way to add background to simulated data	herck	Sprint 36	0	02 Nov 2017 11:13	pospelov
1875	Bug	Resolved	Normal	Provide proper export to python for all flavours of materials	dmitry	Sprint 36	100	02 Nov 2017 12:22	dmitry
1878	Feature	Resolved	Normal	GUI: provide prototype of ComponentEditor not relying on qtpropertybrowser framework	pospelov	Sprint 36	0	06 Nov 2017 15:29	pospelov
1879	Feature	Resolved	Normal	Set default beam intensity to 1 instead of 0	herck	Sprint 36	0	08 Nov 2017 13:53	herck
1880	Documentation	Resolved	Normal	Provide example of new wavelength-independent material usage	dmitry	Sprint 36	100	08 Nov 2017 14:54	dmitry
1881	Refactoring	Resolved	Normal	Reduce SessionItem interface	herck	Sprint 36	0	10 Nov 2017 10:24	herck
1882	Feature	Resolved	Normal	Provide material type functionality in GUI	pospelov	Sprint 36	100	10 Nov 2017 10:27	dmitry
1884	Feature	Resolved	Normal	Provide common interface for Simulation and SpecularSimulation	dmitry	Sprint 36	100	10 Nov 2017 10:39	dmitry
1885	Feature	Resolved	Normal	BornAgain GUI should open a project even if image files are missing	pospelov	Sprint 36	0	10 Nov 2017 12:35	ganeva
1891	Bug	Resolved	Normal	GUI: crash in import data view when linking to instrument	pospelov	Sprint 36	0	14 Nov 2017 11:36	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1892	Feature	Resolved	Normal	GUI: refactor instrument view for better appearance of polarization related widgets	pospelov	Sprint 36	0	14 Nov 2017 11:39	pospelov
1895	Feature	Resolved	Normal	Make an IDetector base class independent on dimensionality of the detector	dmitry	Sprint 36	100	17 Nov 2017 12:49	dmitry
1902	Feature	Resolved	Normal	Add 1D detector for specular simulations	dmitry	Sprint 36	100	22 Nov 2017 10:49	dmitry
1904	Feature	Resolved	Normal	Replace MaterialProperty and ColorProperty with universal property	pospelov	Sprint 36	0	23 Nov 2017 08:59	pospelov
1905	Feature	Resolved	Normal	Provide access to minimizer catalogue from python	pospelov	Sprint 36	0	23 Nov 2017 09:50	pospelov
1906	Feature	Resolved	Normal	Add functional test for specular simulation	dmitry	Sprint 36	100	24 Nov 2017 12:35	dmitry
1907	Feature	Resolved	Normal	Merge ComboProperty and GroupProperty	pospelov	Sprint 36	0	27 Nov 2017 09:22	pospelov
1908	Feature	Resolved	Normal	Add background option to GUI	herck	Sprint 36	0	27 Nov 2017 12:29	herck
1909	Feature	Resolved	Normal	Correctly provide translation of background to Python/GUI/domain	herck	Sprint 36	0	27 Nov 2017 12:30	herck
1910	Feature	Resolved	Normal	Employ 1D detector and get rid of virtual runSimulation in SpecularSimulation	dmitry	Sprint 36	100	28 Nov 2017 14:14	dmitry
1911	Bug	Resolved	Normal	Revise SessionItem::setData method	pospelov	Sprint 36	0	29 Nov 2017 18:09	pospelov
1912	Feature	Resolved	Normal	Provide combobox for background selection	herck	Sprint 36	0	30 Nov 2017 10:10	herck
1914	Bug	Resolved	Normal	Lattice::reciprocalLatticeVectorsWithinRadius does not behave as expected	herck	Sprint 36	0	01 Dec 2017 15:28	herck
1919	Bug	Resolved	Normal	Entering negative values for delta/beta in MaterialEditor is not enabled	herck	Sprint 36	0	07 Dec 2017 10:20	herck
1921	Feature	Resolved	Normal	Move GUI unit tests from QTest to google test	pospelov	Sprint 36	0	07 Dec 2017 12:36	pospelov
1922	Bug	Resolved	Normal	GUI: using tab after entering parameter value puts back the old value	pospelov	Sprint 36	0	07 Dec 2017 16:25	herck
1925	Refactoring	Resolved	Normal	Functional tests have become considerably slower starting from pull request #336	herck	Sprint 36	0	12 Dec 2017 18:19	herck
1929	Feature	Resolved	Normal	Switch Python3 ON by default	herck	Sprint 36	0	09 Jan 2018 13:49	pospelov
1930	Refactoring	Resolved	Normal	Refactor OffSpecSimulation	herck	Sprint 36	0	15 Jan 2018 09:54	herck
1931	Feature	Resolved	Normal	Implement footprint correction	dmitry	Sprint 36	100	15 Jan 2018 12:41	dmitry
1933	Feature	Resolved	Normal	Provide same functionality for offspecular simulation as for GISASSimulation	herck	Sprint 36	0	16 Jan 2018 14:22	herck
1934	Refactoring	Resolved	Normal	Move creation of simulation elements out of instrument/detector	herck	Sprint 36	0	16 Jan 2018 14:39	herck
1935	Feature	Resolved	Normal	GUI: create uniform icons for GISAS, OffSpec and Specular instruments	pospelov	Sprint 36	0	17 Jan 2018 09:15	pospelov
1936	Feature	Resolved	Normal	GUI: provide specular instrument type in GUI	dmitry	Sprint 36	0	17 Jan 2018 09:16	pospelov
1941	Documentation	Resolved	Normal	Website: port Python examples section to Hugo	anikhalder	Sprint 36	0	17 Jan 2018 18:13	pospelov
1942	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 1	herck	Sprint 36	0	17 Jan 2018 18:14	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1943	Refactoring	Resolved	Normal	Remove creation of simulation elements from SpecularDetector1D	dmitry	Sprint 36	100	18 Jan 2018 13:04	dmitry
1944	Bug	Resolved	Normal	GUI: provide automatic TotalSurfaceDensity update on lattice parameter change	pospelov	Sprint 36	0	23 Jan 2018 14:14	pospelov
1945	Bug	Resolved	Normal	GUI: switch ColorMap label to scientific notation	pospelov	Sprint 36	0	23 Jan 2018 15:26	pospelov
1946	Documentation	Resolved	Normal	Revise MaterialBySLD (user interface and documentation)	dmitry	Sprint 36	100	24 Jan 2018 10:12	dmitry
1947	Feature	Resolved	Normal	Provide MaterialBySLD functional test	dmitry	Sprint 36	100	26 Jan 2018 11:09	pospelov
1948	Feature	Resolved	Normal	Provide fourier transformation of simulated image in GUI	anikhalder	Sprint 36	0	26 Jan 2018 18:25	pospelov
1949	Refactoring	Resolved	Normal	Restrict usage of simulation results to result() method (remove the other ones)	herck	Sprint 36	0	26 Jan 2018 18:36	herck
1953	Refactoring	Resolved	Normal	Refactor real space viewing library for easy integration into GUI and better maintenance	herck	Sprint 36	0	02 Feb 2018 16:15	herck
1955	Feature	Resolved	Normal	Revise axes labels in all Python examples	herck	Sprint 36	0	06 Feb 2018 17:50	pospelov
1956	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 2	dmitry	Sprint 36	100	07 Feb 2018 15:22	pospelov
1957	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 3	ganeva	Sprint 36	0	07 Feb 2018 15:23	pospelov
1958	Documentation	Resolved	Normal	Website: port "Working with Python scripts" to Hugo, part 4	dmitry	Sprint 36	100	07 Feb 2018 15:23	pospelov
1959	Documentation	Resolved	Normal	Website: port "Using Graphical User Interface" to Hugo	ganeva	Sprint 36	0	07 Feb 2018 15:24	pospelov
1960	Documentation	Resolved	Normal	Website: port "Troubleshooting and FAQ" to Hugo	herck	Sprint 36	0	07 Feb 2018 15:26	pospelov
1961	Bug	Resolved	Normal	Numerous fixes for beam divergence and footprint	dmitry	Sprint 36	100	08 Feb 2018 09:41	dmitry
1962	Bug	Resolved	Normal	GUI crashes on recent project load	herck	Sprint 36	0	12 Feb 2018 15:06	dmitry
1965	Testing	Resolved	Normal	Provide an example of fitting real reflectometry data with BornAgain	dmitry	Sprint 36	0	15 Feb 2018 18:47	dmitry
1966	Bug	Resolved	Normal	GUI crash: switch project after job removal	herck	Sprint 36	0	16 Feb 2018 10:10	herck
1969	Feature	Resolved	Normal	Enable distribution of inclination angle in off-specular simulation	herck	Sprint 36	0	19 Feb 2018 16:18	herck
1970	Bug	Resolved	Normal	Rearrange directory structure of Win installer	herck	Sprint 36	0	20 Feb 2018 15:02	pospelov
1976	Bug	Resolved	Normal	BornAgain GUI style in Windows and MacOS is not flat anymore in Qt5.10	pospelov	Sprint 36	0	23 Feb 2018 09:00	pospelov
1977	Bug	Resolved	Normal	GUI on mac os x: Python script view window cannot be resized	pospelov	Sprint 36	0	27 Feb 2018 11:13	ganeva
1978	Bug	Resolved	Normal	GUI on mac os x: Number of MC points drops to zero	herck	Sprint 36	0	27 Feb 2018 11:20	ganeva
1979	Bug	Resolved	Normal	BornAgain GUI: cannot fit the constant background	dmitry	Sprint 36	0	27 Feb 2018 11:25	ganeva
1980	Bug	Resolved	Normal	GUI: fitting of incident angle	herck	Sprint 36	0	27 Feb 2018 11:30	ganeva
1981	Bug	Resolved	Normal	BornAgain GUI: cannot fit beam parameters with distributions	dmitry	Sprint 36	0	27 Feb 2018 11:33	ganeva
1982	Bug	Resolved	Normal	GUI: fit of particles with size distributions causes negative values	pospelov	Sprint 36	0	27 Feb 2018 11:35	ganeva
1983	Bug	Resolved	Normal	GUI crash on project close	pospelov	Sprint 36	0	27 Feb 2018 11:37	pospelov
1985	Bug	Resolved	Normal	Changing parameter in realtime view switches back to fitview	herck	Sprint 36	0	27 Feb 2018 12:21	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1986	Bug	Resolved	Normal	GUI: splitter between ColorMap and RealTimeWidget jumps on parameter tuning	pospelov	Sprint 36	0	27 Feb 2018 12:24	pospelov
1360	Documentation	Resolved	Normal	reequilibrate hierarchy levels in online docs	pospelov	Sprint 37	0	03 Mar 2016 13:28	wuttke
1846	Feature	Resolved	Normal	Investigate the effort to implement 3d correlations of particles in DWBA	herck	Sprint 37	0	28 Sep 2017 13:57	herck
1937	Feature	Resolved	Normal	Implement export-to-Python for specular instrument	dmitry	Sprint 37	100	17 Jan 2018 09:16	pospelov
1938	Feature	Resolved	Normal	Implement transform from domain for specular instrument	dmitry	Sprint 37	0	17 Jan 2018 09:17	pospelov
1940	Documentation	Resolved	Normal	Website: port installation instructions to Hugo	herck	Sprint 37	0	17 Jan 2018 18:12	pospelov
1952	Documentation	Resolved	Normal	Update "Accessing simulation results" tutorial	pospelov	Sprint 37	0	30 Jan 2018 09:33	herck
1954	Refactoring	Resolved	Normal	Use new unit conversions from core in GUI	pospelov	Sprint 37	0	06 Feb 2018 15:54	herck
1964	Feature	Resolved	Normal	Provide "fair" unit conversions for specular data (including q-space)	dmitry	Sprint 37	0	15 Feb 2018 18:44	dmitry
1968	Documentation	Resolved	Normal	Website: finalize migration to Hugo based website	pospelov	Sprint 37	0	16 Feb 2018 14:24	pospelov
1974	Feature	Resolved	Normal	Provide full-fledged functionality for specular simulation in DomainSimulationBuilder	dmitry	Sprint 37	0	22 Feb 2018 13:15	dmitry
1987	Refactoring	Resolved	Normal	Replace Qt's foreach with c++ range-based for loop	herck	Sprint 37	0	27 Feb 2018 15:28	herck
1991	Bug	Resolved	Normal	Cannot add real data to off-specular instrument	dmitry	Sprint 37	100	28 Feb 2018 16:12	dmitry
1995	Refactoring	Resolved	Normal	Remove obsolete Find<library> files in cmake/generic/modules	herck	Sprint 37	0	02 Mar 2018 10:26	herck
1997	Bug	Resolved	Normal	GUI: fit view shows experimental/simulated data in different scale	herck	Sprint 37	0	02 Mar 2018 12:01	pospelov
2001	Documentation	Resolved	Normal	Website: port "functionality overview" to Hugo	herck	Sprint 37	0	09 Mar 2018 08:47	pospelov
2002	Documentation	Resolved	Normal	Website: port all release letters	dmitry	Sprint 37	0	09 Mar 2018 08:49	pospelov
2005	Documentation	Resolved	Normal	Website: switch bornagainproject.org to the new website	pospelov	Sprint 37	0	09 Mar 2018 08:56	pospelov
2006	Feature	Resolved	Normal	Core: implement instrument type for depth probes (evanescent wave)	dmitry	Sprint 37	100	09 Mar 2018 09:00	pospelov
2010	Bug	Resolved	Normal	cmake should notify user if eigen3 is not found	dmitry	Sprint 37	0	14 Mar 2018 10:22	ganeva
2012	Feature	Resolved	Normal	Reenable openMPI calculations	herck	Sprint 37	0	15 Mar 2018 09:40	herck
2014	Refactoring	Resolved	Normal	Provide uniform access interface for simulation/fitting results	pospelov	Sprint 37	0	16 Mar 2018 13:32	dmitry
2015	Documentation	Resolved	Normal	Website: create download section	pospelov	Sprint 37	0	16 Mar 2018 18:00	pospelov
2016	Documentation	Resolved	Normal	Website: create contact section	pospelov	Sprint 37	0	16 Mar 2018 18:01	pospelov
2017	Documentation	Resolved	Normal	Website: create about section	pospelov	Sprint 37	0	16 Mar 2018 18:08	pospelov
2018	Feature	Resolved	Normal	Revise RealDataItem and the way it handles cropped experimental data	pospelov	Sprint 37	0	19 Mar 2018 14:31	pospelov
2022	Documentation	Resolved	Normal	Website: provide automatic generation of Python example summary	pospelov	Sprint 37	0	23 Mar 2018 12:52	pospelov
2023	Feature	Resolved	Normal	Provide finite 2d lattice interference function (with position fluctuations)	herck	Sprint 37	0	23 Mar 2018 13:12	herck

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
2026	Feature	Resolved	Normal	Provide capability of switching angular axis in DepthProbe to different units	dmitry	Sprint 37	0	03 Apr 2018 18:10	dmitry
2027	Testing	Resolved	Normal	Provide functional test + example for depth probe simulation	dmitry	Sprint 37	0	03 Apr 2018 18:11	dmitry
2028	Refactoring	Resolved	Normal	Remove the functionality doubled in DepthProbeSimulation from SpecularSimulation and reuse common code	dmitry	Sprint 37	0	03 Apr 2018 18:14	dmitry
2029	Bug	Resolved	Normal	Unit conversion bug when ROI is set	dmitry	Sprint 37	0	04 Apr 2018 10:09	pospelov
2030	Feature	Resolved	Normal	Provide unit conversions for specular instrument in GUI	dmitry	Sprint 37	100	09 Apr 2018 10:05	dmitry
2031	Refactoring	Resolved	Normal	replace obsolete qt5_use_modules	herck	Sprint 37	0	09 Apr 2018 14:18	wuttke
2033	Refactoring	Resolved	Normal	Investigate FitSuite refactoring in the context of external minimizer	pospelov	Sprint 37	0	11 Apr 2018 10:53	pospelov
2035	Bug	Resolved	Normal	Specular peak disappears if ROI is set	herck	Sprint 37	0	16 Apr 2018 09:23	ganeva
2036	Feature	Resolved	Normal	Bring the appearance of specular simulation to compliance with GISAS/Off-Spec job views	dmitry	Sprint 37	100	16 Apr 2018 10:23	dmitry
2042	Feature	Resolved	Normal	Create and use icon for finite 2d lattice	pospelov	Sprint 37	0	18 Apr 2018 11:13	herck
2043	Feature	Resolved	Normal	Implement lattice block particle	herck	Sprint 37	0	19 Apr 2018 14:07	herck
2044	Bug	Resolved	Normal	Users cannot see python functions' descriptions, jump to their definitions or use autocompletion in PyCharm	dmitry	Sprint 37	100	27 Apr 2018 16:03	dmitry
2045	Refactoring	Resolved	Normal	Verify and possibly correct QQuaternion construction from our Euler angles in RealSpace::Object::transform	herck	Sprint 37	0	02 May 2018 18:29	herck
2048	Configuration	Resolved	Normal	Get rid of CMAKE_LIBRARY_PATH	dmitry	Sprint 37	100	09 May 2018 21:51	dmitry
2049	Bug	Resolved	Normal	GUI-> Crash on Instrument->Clone	herck	Sprint 37	0	11 May 2018 15:07	ganeva
2053	Bug	Resolved	Normal	GUI (Win) whitespaces are missing in saved projection ascii file	herck	Sprint 37	0	17 May 2018 10:44	ganeva
2054	Bug	Resolved	Normal	InterferenceFunction2DLattice handles integration over xi wrongly	herck	Sprint 37	0	17 May 2018 18:29	herck
2057	Documentation	Resolved	Normal	Update "Importing experimental data" tutorial	pospelov	Sprint 37	0	24 May 2018 13:43	pospelov
2059	Documentation	Resolved	Normal	Revise all Python examples	pospelov	Sprint 37	0	25 May 2018 09:12	pospelov
2060	Bug	Resolved	Normal	RealSpaceDialog doesn't stay on top on Mac	herck	Sprint 37	0	28 May 2018 11:51	herck
2061	Bug	Resolved	Normal	Prevent RealSpaceDialog from making the GUI crash	herck	Sprint 37	0	28 May 2018 13:17	herck
2400	Bug	Resolved	Normal	Fix average mesocrystal form factor in the presence of positional disorder	herck	Sprint 42	0	06 Aug 2019 14:53	herck
2401	Bug	Resolved	Normal	Importing OutputData from ASCII file ignores lines that start with a negative value	herck	Sprint 42	0	28 Aug 2019 11:50	herck
2275	Refactoring	Resolved	Normal	Refactor cmake machinery for consistent Python interpreter/libraries handling	pospelov	Sprint 43	0	09 Jan 2019 11:42	pospelov
2424	Bug	Resolved	Normal	GUI crash by unexpected user behavior	pospelov	Sprint 43	0	27 Nov 2019 12:02	ganeva
2428	Feature	Resolved	Normal	Add Nevot-Croce roughness model	rbeerwerth	Sprint 43	100	06 Apr 2020 10:27	pospelov
2430	Feature	Resolved	Normal	Try switch bindings to swig v4.0.1	rbeerwerth	Sprint 43	0	06 Apr 2020 10:46	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
2431	Documentation	Resolved	Normal	Website: switch to latest Hugo in website travis based generation.	pospelov	Sprint 43	0	06 Apr 2020 10:49	pospelov
2432	Refactoring	Resolved	Normal	Run code beautifier on the whole codebase.	pospelov	Sprint 43	0	06 Apr 2020 10:54	pospelov
2437	Documentation	Resolved	Normal	Website: provide citing and news item for BornAgain publication	wuttke	Sprint 43	0	06 Apr 2020 11:51	pospelov
2438	Feature	Resolved	Normal	Website: rename "python scripts" and "tutorial examples" menu entries.	pospelov	Sprint 43	0	06 Apr 2020 22:49	pospelov
2439	Refactoring	Resolved	Normal	Get rid of all Qt's deprecated compile warnings	pospelov	Sprint 43	0	07 Apr 2020 14:43	pospelov
2441	Bug	Resolved	Normal	Imaginary SLD	rbeerwerth	Sprint 43	0	16 Apr 2020 17:43	rbeerwerth
2442	Bug	Resolved	Normal	Roughness on first semi-infinite layer	rbeerwerth	Sprint 43	0	16 Apr 2020 17:53	rbeerwerth
2443	Feature	Resolved	Normal	Create document describing the release procedure.	pospelov	Sprint 43	0	22 Apr 2020 11:45	pospelov
2445	Feature	Resolved	Normal	GUI: fix fancy toolbars under Linux		Sprint 43	0	05 May 2020 16:39	pospelov
2446	Feature	Resolved	Normal	GUI: fix HighDPI issues under Windows.	pospelov	Sprint 43	0	05 May 2020 16:43	pospelov
2447	Feature	Resolved	Normal	Update eigen3 submodule URL	pospelov	Sprint 43	0	05 May 2020 20:13	rbeerwerth
2448	Feature	Resolved	Normal	Switch Appveyor Windows build to MSVC 2019	pospelov	Sprint 43	0	06 May 2020 14:17	pospelov
2449	Feature	Resolved	Normal	Enable Travis MacOS build	pospelov	Sprint 43	0	07 May 2020 16:00	pospelov
2450	Feature	Resolved	Normal	Provide Windows compilation with Python 3.8, switch Appveyor to it	rbeerwerth	Sprint 43	0	11 May 2020 10:19	pospelov
2454	Refactoring	Resolved	Normal	print q vector if numeric form factor test fails	wuttke	Sprint 43	0	18 May 2020 14:13	wuttke
2455	Refactoring	Resolved	Normal	correct and document Ripple form factors	wuttke	Sprint 43	0	18 May 2020 14:15	wuttke
2456	Refactoring	Resolved	Normal	simplify integrators	wuttke	Sprint 43	0	18 May 2020 14:21	wuttke
2461	Bug	Resolved	Normal	GUI: crash in 3D view with lock function	pospelov	Sprint 43	0	27 May 2020 13:40	pospelov
2463	Feature	Resolved	Normal	Update macmini to High Sierra and provide BornAgain build	pospelov	Sprint 43	0	09 Jun 2020 13:01	pospelov
79	Feature	Resolved	Normal	Framework general: measure Eigen library performance in the view of gsl_matrix, BasicVector3D, Coordinates3D refactoring			0	09 Aug 2012 11:04	pospelov
84	Feature	Resolved	Normal	PythonAPI: implement converter of python list to std vector	pospelov		0	13 Sep 2012 13:14	pospelov
157	Documentation	Resolved	Normal	full documentation of implemented theory for para- and mesocrystals			0	21 Jan 2013 10:48	herck
198	Documentation	Resolved	Normal	Contents for doxygen entry page	wuttke		0	09 Mar 2013 10:51	wuttke
205	Documentation	Resolved	Normal	Create script for patching source code files with info header	wuttke		0	11 Mar 2013 12:39	pospelov
224	Documentation	Resolved	Normal	shut down overnight Doxygen update			0	20 Mar 2013 08:15	wuttke
233	Refactoring	Resolved	Normal	Simplify Geometry classes	wuttke		0	21 Mar 2013 11:22	wuttke
412	Testing	Resolved	Normal	Unit and functional tests campaign			100	25 Sep 2013 16:47	pospelov
457	Testing	Resolved	Normal	Implement unit tests for form factors	celine		40	21 Oct 2013 10:13	celine
538	Refactoring	Resolved	Normal	Implementation of a consistent order of variables for all form factors	celine		0	18 Dec 2013 07:56	celine
617	Documentation	Resolved	Normal	Write small explanation about DWBA in Appendix	celine		0	21 Feb 2014 11:16	celine

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
618	Documentation	Resolved	Normal	Rename FormFactorParallelepiped into FormfactorBox and vice versa	celine		0	21 Feb 2014 14:59	pospelov
660	Documentation	Resolved	Normal	Merge theoretical sections of appendix	celine		0	15 Apr 2014 12:27	celine
692	Documentation	Resolved	Normal	Put manual into form that is appropriate to be cited			0	03 Jun 2014 15:02	herck
726	Feature	Resolved	Normal	Polarized: Provide numerically stable calculation of R,T coefficients for magnetic case	rbeerwerth		0	09 Jul 2014 10:27	herck
794	Feature	Resolved	Normal	Create dmg package			0	02 Sep 2014 11:09	ganeva
904	Support	Resolved	Normal	Resonator simulations for Frederik Lipfert	ganeva		0	24 Nov 2014 11:01	ganeva
906	Documentation	Resolved	Normal	Update part of the user manual about SSCA approximation			0	25 Nov 2014 14:52	ganeva
962	Feature	Resolved	Normal	Adjust debian packaging	ganeva		0	16 Feb 2015 14:21	ganeva
976	Documentation	Resolved	Normal	Derive scalar and polarized wave equation for both X-rays and neutrons, and choose appropriate notation.	wuttke		0	18 Feb 2015 16:26	wuttke
984	Documentation	Resolved	Normal	Restructure chapter 3 and appendices A,B	wuttke		0	20 Feb 2015 11:44	wuttke
986	Documentation	Resolved	Normal	Add (uncomment) short references to form factor pages			40	20 Feb 2015 11:51	wuttke
988	Documentation	Resolved	Normal	Reformat landscape-oriented table			0	20 Feb 2015 12:21	wuttke
1135	Documentation	Resolved	Normal	Manual: describe core shell particles			0	15 Jul 2015 17:29	pospelov
1288	Bug	Resolved	Normal	BornAgain does not compile on mac os x (problem with constexpr ... sqrt)	wuttke		100	02 Feb 2016 10:54	ganeva
1291	Refactoring	Resolved	Normal	core functional test machinery: simplify, or at least explain	wuttke		100	02 Feb 2016 11:47	wuttke
1292	Bug	Resolved	Normal	BornAgain does not build on mac os x (unittest SpecialFunctionsTest.csinc failure)	wuttke		0	02 Feb 2016 13:47	ganeva
1300	Refactoring	Resolved	Normal	more stable computation of Prism6 formfactor	wuttke		0	02 Feb 2016 19:20	wuttke
1304	Refactoring	Resolved	Normal	Unify treatment of numeric constants.			100	04 Feb 2016 11:21	wuttke
1331	Refactoring	Resolved	Normal	regenerate Python bindings after moving declaration of cvector_t, kvector_t out of Types.h.			50	10 Feb 2016 20:12	wuttke
1336	Bug	Resolved	Normal	GUI: fix "Settings" menu bar on MacOSX			0	12 Feb 2016 18:23	pospelov
1357	Refactoring	Resolved	Normal	to discuss: authorship and file headers			0	29 Feb 2016 09:58	wuttke
1359	Documentation	Resolved	Normal	Provide wiki page on .int.gz reference files	wuttke		0	01 Mar 2016 21:18	wuttke
1366	Refactoring	Resolved	Normal	Revise boost libraries usage			0	04 Mar 2016 13:55	pospelov
1374	Documentation	Resolved	Normal	Report an Refactoring SessionItem	david		0	09 Mar 2016 13:48	david
1399	Feature	Resolved	Normal	Implement form factors for dodecahedron and icosahedron	wuttke		100	07 Apr 2016 12:06	wuttke
1403	Bug	Resolved	Normal	absence of gsl.h not detected by cmake			0	12 Apr 2016 08:56	wuttke
1410	Refactoring	Resolved	Normal	rename GCCXML_SKIP_THIS	wuttke		0	16 Apr 2016 12:05	wuttke
1418	Refactoring	Resolved	Normal	provide cotangent, and replace division by tan(alpha) in pyramids			0	25 Apr 2016 15:02	wuttke

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1422	Refactoring	Resolved	Normal	provide clue when test fails	wuttke		0	27 Apr 2016 13:37	wuttke
1423	Bug	Resolved	Normal	== eliminate warnings ==			100	28 Apr 2016 12:00	wuttke
1430	Refactoring	Resolved	Normal	Consider moving FormFactor unit tests to a single functional test			0	12 May 2016 10:43	pospelov
1433	Refactoring	Resolved	Normal	move massive numeric tests under 'make check' / 'ctest'	wuttke		0	17 May 2016 13:59	wuttke
1439	Bug	Resolved	Normal	put PythonAPI under CMake control	wuttke		100	30 May 2016 16:21	wuttke
1452	Bug	Resolved	Normal	PySuite tests fail when executed in parallel	wuttke		100	06 Jun 2016 09:54	wuttke
1454	Refactoring	Resolved	Normal	Export to Python: generated scripts should not require "from bornagain import **"	wuttke		0	07 Jun 2016 14:32	wuttke
1461	Bug	Resolved	Normal	eliminate g++ warnings	wuttke		0	12 Jun 2016 13:52	wuttke
1464	Bug	Resolved	Normal	TestCoreP unit test is failing under MacOS			0	13 Jun 2016 21:09	pospelov
1467	Bug	Resolved	Normal	Remove memory leakages from functional test machinery	wuttke		0	16 Jun 2016 09:11	pospelov
1471	Refactoring	Resolved	Normal	Revise user example demonstrating BornAgain usage from C++	wuttke		0	17 Jun 2016 09:34	pospelov
1551	Refactoring	Resolved	Normal	rename directory RootWrapper/ and files therein			0	01 Aug 2016 11:33	wuttke
1552	Bug	Resolved	Normal	FormFactorTrivial should have RadialExtension = 0			0	01 Aug 2016 14:30	wuttke
1555	Refactoring	Resolved	Normal	invert dependence of FitKernel on FitParameterLinked	wuttke		0	01 Aug 2016 18:04	wuttke
1582	Refactoring	Resolved	Normal	Correct model for dense particles on surface			0	09 Aug 2016 08:53	a.glavic
1601	Feature	Resolved	Normal	Unit test executable is removed by cmake if test fails	wuttke		0	02 Sep 2016 18:08	pospelov
1632	Bug	Resolved	Normal	GUI: delete button doesn't work on MacBook for masks on ImportDataView			0	11 Nov 2016 12:22	pospelov
1649	Refactoring	Resolved	Normal	Ensure consistent use of ambientMaterial			0	19 Nov 2016 17:28	wuttke
1651	Refactoring	Resolved	Normal	remove last occurrences of "using namespace BornAgain"	wuttke		0	20 Nov 2016 10:40	wuttke
1673	Refactoring	Resolved	Normal	Design proposal for all subtasks under #1645	wuttke		0	24 Nov 2016 11:40	wuttke
1689	Bug	Resolved	Normal	memory leak in ParameterSample	jmfisher		0	29 Nov 2016 16:14	ganeva
1706	Feature	Resolved	Normal	Profile simulation with multilayers containing large amount of layers	wuttke		0	01 Dec 2016 16:43	ganeva
1707	Refactoring	Resolved	Normal	refactor LayerStrategyBuilder, DecoratedLayerComputation -> LayoutStrategyBuilder, DecoratedLayoutComputation			0	01 Dec 2016 16:48	wuttke
1735	Refactoring	Resolved	Normal	remove include guards from unit tests	wuttke		0	12 Dec 2016 09:43	wuttke
1771	Feature	Resolved	Normal	GUI: create FitProjectionsWidget to compare projections of real .vs. simulated data			0	24 Feb 2017 14:30	pospelov
1802	Bug	Resolved	Normal	GUI: hexagonal lattice becomes square during simulation	herck		0	04 May 2017 11:02	herck
1822	Feature	Resolved	Normal	SWIG: how to report error details from the method overloaded in Python.			100	27 Jun 2017 17:03	pospelov
1898	Bug	Resolved	Normal	GUI: »New to BornAgain?« -> »Web docs«			0	19 Nov 2017 13:21	wuttke
1901	Bug	Resolved	Normal	warnings from Gtk			0	19 Nov 2017 13:35	wuttke

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1920	Feature	Resolved	Normal	Adapt BornAgain GUI for 4k displays			0	07 Dec 2017 11:51	pospelov
1993	Bug	Resolved	Normal	Plot ticks are not updated if axes changed in real time view	pospelov		0	28 Feb 2018 17:45	dmitry
1999	Documentation	Resolved	Normal	Cleanup redmine wiki			50	07 Mar 2018 10:41	pospelov
2003	Documentation	Resolved	Normal	Website: integrate doxygen generated API to Hugo			0	09 Mar 2018 08:49	pospelov
2007	Bug	Resolved	Normal	GUI->Instrument view-> entering floating point numbers	herck		0	09 Mar 2018 14:30	ganeva
2008	Bug	Resolved	Normal	GUI->Fitting: ROI in experimental data causes NaN fitting parameters	pospelov		0	12 Mar 2018 17:02	ganeva
2032	Refactoring	Resolved	Normal	Update Examples/Demos for Python3			0	09 Apr 2018 15:26	ganeva
2041	Feature	Resolved	Normal	Implement features for the analysis of data from Dulle and Fruhner	herck		100	18 Apr 2018 11:07	herck
2052	Refactoring	Resolved	Normal	Consider switching to C++17			0	17 May 2018 10:15	dmitry
2115	Feature	Resolved	Normal	Code dependencies: replace boost::filesystem by C++17 std::			0	12 Jul 2018 11:30	pospelov
2158	Documentation	Resolved	Normal	Extend website with nightly builds to accommodate for early testers			0	19 Sep 2018 13:56	herck
2163	Configuration	Resolved	Normal	move prepackaged Windows libraries from redmine/attachments to src/WinLibs	wuttke		0	20 Sep 2018 11:27	wuttke
2216	Configuration	Resolved	Normal	Remove stgz extension in BornAgainCPack.cmake			0	06 Nov 2018 15:43	herck
2250	Documentation	Resolved	Normal	Fix doxygen documentation			0	10 Dec 2018 12:12	dmitry
2294	Feature	Resolved	Normal	3DView: provide button to save image	juan		100	31 Jan 2019 13:22	ganeva
2319	Feature	Resolved	Normal	GUI: import multiple files	juan		100	05 Mar 2019 09:47	ganeva
2348	Bug	Resolved	Normal	Example: In python examples, enforce color coding of our choice			0	10 May 2019 14:44	wuttke
2358	Feature	Resolved	Normal	Save/read reflectometry data/simulation in consistent units			0	14 May 2019 12:04	juan
2385	Documentation	Resolved	Normal	Doxygen > User API > group Simulation: too crowded, break into subgroups	wuttke		0	31 Jul 2019 10:27	wuttke
2392	Documentation	Resolved	Normal	Provide Doxygen class comments for recently added classes	wuttke		0	31 Jul 2019 14:09	wuttke
2408	Bug	Resolved	Normal	Unable to save png, pdf and jpg	juan		100	15 Oct 2019 10:31	juan
2412	Feature	Resolved	Normal	Adapt computation engine for polarized ToF reflectometry	dmitry		0	20 Nov 2019 10:28	dmitry
2413	Feature	Resolved	Normal	Enable polarized reflectometry	dmitry		0	20 Nov 2019 10:28	dmitry
2472	Refactoring	Resolved	Normal	Disambiguate INamed: class name or object name	wuttke		0	02 Jul 2020 06:54	wuttke
2473	Refactoring	Resolved	Normal	Put all tests under CTest control	wuttke		0	02 Jul 2020 07:18	wuttke
2474	Refactoring	Resolved	Normal	simplify the functional test machinery	wuttke		0	02 Jul 2020 16:15	wuttke
2493	Refactoring	Resolved	Normal	Core: get rid of OrderedMap			0	23 Nov 2020 22:25	wuttke
2495	Refactoring	Resolved	Normal	move all Python formatting to Core/Export			0	24 Nov 2020 18:17	wuttke
1831	Documentation	Resolved	Normal	Add top cap removal parameterization to documentation of truncated sphere and spheroid form factor	herck	Sprint 38	0	27 Jul 2017 14:12	herck
2038	Refactoring	Resolved	Normal	Refactor Minimizer interface	pospelov	Sprint 38	0	18 Apr 2018 09:10	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
2039	Feature	Resolved	Normal	Switch all Python fitting examples from FitSuite to the new Minimizer	pospelov	Sprint 38	0	18 Apr 2018 09:11	pospelov
2051	Feature	Resolved	Normal	Provide loading and using from GUI 1D real data	dmitry	Sprint 38	0	16 May 2018 11:50	dmitry
2068	Bug	Resolved	Normal	Missing analyzer direction in GUI	herck	Sprint 38	0	04 Jun 2018 17:32	herck
2069	Bug	Resolved	Normal	Loading GUI first time takes 30 minutes	pospelov	Sprint 38	0	07 Jun 2018 10:01	herck
2070	Feature	Resolved	Normal	3D view: modify default particle density of GUI examples to look reasonable in 3D view	herck	Sprint 38	0	11 Jun 2018 10:16	pospelov
2071	Feature	Resolved	Normal	3D view: profile 3D view for performance when number of particles is large	pospelov	Sprint 38	0	11 Jun 2018 10:18	pospelov
2076	Bug	Resolved	Normal	Beam distribution editors are not updating on parameter change	pospelov	Sprint 38	0	13 Jun 2018 16:38	pospelov
2078	Refactoring	Resolved	Normal	Switch FitSuite to the new minimizer kernel	pospelov	Sprint 38	0	13 Jun 2018 16:46	pospelov
2079	Feature	Resolved	Normal	Introduce SimulationBuilder and refactor FitSuite accordingly	pospelov	Sprint 38	0	13 Jun 2018 16:58	pospelov
2080	Refactoring	Resolved	Normal	Refactor computation machinery	herck	Sprint 38	0	14 Jun 2018 13:40	herck
2081	Documentation	Resolved	Normal	Update documentation related to reflectometry and depth probe	dmitry	Sprint 38	0	14 Jun 2018 13:53	dmitry
2082	Feature	Resolved	Normal	3D view: implement 1D interference function	anikhalder	Sprint 38	100	14 Jun 2018 14:10	pospelov
2083	Feature	Resolved	Normal	3D view: provide selective view update		Sprint 38	0	14 Jun 2018 14:16	pospelov
2092	Bug	Resolved	Normal	GUI: Top level thickness error	pospelov	Sprint 38	0	20 Jun 2018 08:59	ganeva
2095	Feature	Resolved	Normal	Enable averaged layer materials for all IComputations	herck	Sprint 38	0	20 Jun 2018 11:56	herck
2096	Refactoring	Resolved	Normal	Simplify interference function strategy implementation	herck	Sprint 38	0	20 Jun 2018 12:11	herck
2097	Refactoring	Resolved	Normal	3D view: create PrototypeController to speed up 3D view when number of particles is large	anikhalder	Sprint 38	0	20 Jun 2018 18:22	pospelov
2098	Feature	Resolved	Normal	Provide weights for ParticleLayout	herck	Sprint 38	0	21 Jun 2018 17:31	herck
2101	Refactoring	Resolved	Normal	ParticleDistribution::generateParticles(): remove possible memory leaks	herck	Sprint 38	0	26 Jun 2018 17:59	herck
2103	Feature	Resolved	Normal	Add 3D interference function	herck	Sprint 38	0	27 Jun 2018 15:53	herck
2104	Feature	Resolved	Normal	Integrate 3d lattice interference function into core framework	herck	Sprint 38	0	28 Jun 2018 17:01	herck
2106	Feature	Resolved	Normal	GUI: Create and use DataItemView for 1D fitting	dmitry	Sprint 38	0	02 Jul 2018 09:12	dmitry
2107	Bug	Resolved	Normal	The project crashes on attempt to change limits of fit parameter in GUI	dmitry	Sprint 38	0	06 Jul 2018 16:59	dmitry
2110	Feature	Resolved	Normal	Boost: remove date_time dependency	dmitry	Sprint 38	0	12 Jul 2018 10:00	pospelov
2111	Feature	Resolved	Normal	Boost: remove chrono dependency	dmitry	Sprint 38	0	12 Jul 2018 11:28	pospelov
2113	Feature	Resolved	Normal	Boost: remove regex dependency	herck	Sprint 38	0	12 Jul 2018 11:29	pospelov
2119	Feature	Resolved	Normal	Write collection of functional tests for FitObjective	pospelov	Sprint 38	0	24 Jul 2018 11:12	pospelov
2123	Bug	Resolved	Normal	GUI: switching to another fit parameter causes plot reset to the initial value of previous fit parameter	pospelov	Sprint 38	0	25 Jul 2018 10:30	dmitry

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
2125	Bug	Resolved	Normal	Calculation of maximum reciprocal lattice points to consider for 2d lattice is wrong	herck	Sprint 38	0	27 Jul 2018 10:05	herck
2127	Feature	Resolved	Normal	Convert functional tests for specular fits to the new FitObjective machinery	dmitry	Sprint 38	0	30 Jul 2018 11:12	pospelov
2131	Bug	Resolved	Normal	Fix memory leak in factory methods when used from Python	herck	Sprint 38	0	30 Jul 2018 17:27	herck
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	0	31 Jul 2018 12:13	herck
2134	Feature	Resolved	Normal	Create translator from numpy arrays to OutputData	dmitry	Sprint 38	0	01 Aug 2018 13:20	dmitry
2135	Bug	Resolved	Normal	Problem with Icosahedron formfactor position	herck	Sprint 38	0	09 Aug 2018 10:11	herck
2139	Bug	Resolved	Normal	Inconsistent impact of Euler rotation on simulation/3D view	herck	Sprint 38	0	06 Sep 2018 03:19	pospelov
2140	Feature	Resolved	Normal	Rewrite lines_of_code script to not to rely on ROOT	pospelov	Sprint 38	0	06 Sep 2018 05:08	pospelov
2143	Bug	Resolved	Normal	Project file with failed simulation job complains during loading	herck	Sprint 38	0	11 Sep 2018 15:50	herck
2146	Bug	Resolved	Normal	GUI: back compatibility broken	dmitry	Sprint 38	0	13 Sep 2018 11:09	ganeva
2148	Bug	Resolved	Normal	GUI: Crash on autosave	herck	Sprint 38	0	13 Sep 2018 15:34	ganeva
2149	Bug	Resolved	Normal	GUI crash when switching activity	pospelov	Sprint 38	0	13 Sep 2018 17:40	herck
2150	Feature	Resolved	Normal	Slow down zooming speed of Real Space Viewer on Mac	herck	Sprint 38	0	14 Sep 2018 13:25	herck
2155	Feature	Resolved	Normal	Create and deploy PointwiseAxis for SpecularSimulation	dmitry	Sprint 38	0	18 Sep 2018 09:44	dmitry
2161	Bug	Resolved	Normal	Cancel of running job doesn't work properly	pospelov	Sprint 38	0	19 Sep 2018 17:00	pospelov
2162	Bug	Resolved	Normal	Jobs which was autosaved during the run stays in running state after project restore.	pospelov	Sprint 38	0	19 Sep 2018 17:11	pospelov
2166	Documentation	Resolved	Normal	Put BornAgain API on website	pospelov	Sprint 38	0	21 Sep 2018 10:51	herck
2168	Bug	Resolved	Normal	Autosave leads to the GUI crash at certain conditions	pospelov	Sprint 38	0	25 Sep 2018 11:24	pospelov
2169	Bug	Resolved	Normal	Application crash on fitting job	pospelov	Sprint 38	0	25 Sep 2018 18:09	pospelov
2170	Bug	Resolved	Normal	Widget sizes are reset to default values during fit in GUI	herck	Sprint 38	0	26 Sep 2018 11:23	herck
2171	Bug	Resolved	Normal	Application crash on switch between fitting and simulation jobs for specular simulation	dmitry	Sprint 38	0	26 Sep 2018 13:53	dmitry
2172	Bug	Resolved	Normal	Fit flow widget doesn't update after fit re-launch	pospelov	Sprint 38	0	26 Sep 2018 14:52	pospelov
2174	Feature	Resolved	Normal	Implement HCP and BCT lattice factory funtions	herck	Sprint 38	0	27 Sep 2018 10:18	herck
2187	Bug	Resolved	Normal	Wrong parameter values displayed in real time widget	pospelov	Sprint 38	0	05 Oct 2018 09:58	pospelov
1019	Feature	Resolved	Normal	Extend GUI ParticleDistribution with linked parameters	pospelov	Sprint 39	0	23 Mar 2015 17:16	herck
1486	Refactoring	Resolved	Normal	GUI: refactor SampleView	pospelov	Sprint 39	0	01 Jul 2016 13:47	pospelov
2040	Documentation	Resolved	Normal	Website: update all fitting tutorials and Python examples to the new fitting mechanism.	pospelov	Sprint 39	0	18 Apr 2018 09:11	pospelov
2084	Feature	Resolved	Normal	3D view: implement mesocrystal		Sprint 39	0	14 Jun 2018 14:19	pospelov

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
2102	Feature	Resolved	Normal	GUI: switch fitting in GUI from FitSuite to FitObjective	pospelov	Sprint 39	0	27 Jun 2018 12:58	pospelov
2116	Bug	Resolved	Normal	Provide valid editing for fit parameters in GUI	dmitry	Sprint 39	0	17 Jul 2018 10:05	dmitry
2137	Refactoring	Resolved	Normal	Import data assistant minor changes	juan	Sprint 39	100	21 Aug 2018 10:28	herck
2141	Feature	Resolved	Normal	Allow for SLD fitting in GUI	dmitry	Sprint 39	0	06 Sep 2018 23:08	dmitry
2142	Feature	Resolved	Normal	Allow material tuning in real time view	dmitry	Sprint 39	0	11 Sep 2018 15:13	pospelov
2147	Feature	Resolved	Normal	Functionality improvements for the new fitting engine	pospelov	Sprint 39	0	13 Sep 2018 14:29	dmitry
2154	Feature	Resolved	Normal	Observations made during GISAS 2018 school at Bayreuth	pospelov	Sprint 39	0	17 Sep 2018 18:14	pospelov
2156	Feature	Resolved	Normal	Implement finite crystals	herck	Sprint 39	0	18 Sep 2018 11:39	herck
2167	Bug	Resolved	Normal	Application crash on attempt to load txt.gz file from GUI	juan	Sprint 39	100	24 Sep 2018 10:51	dmitry
2173	Bug	Resolved	Normal	Inconsistent behavior of dock widgets between sample view and job view	pospelov	Sprint 39	0	27 Sep 2018 09:17	herck
2175	Documentation	Resolved	Normal	Website: provide date and navigation element for news page	pospelov	Sprint 39	0	28 Sep 2018 11:00	pospelov
2177	Feature	Resolved	Normal	Employ PointwiseAxis in the GUI for SpecularSimulations	dmitry	Sprint 39	0	28 Sep 2018 14:30	dmitry
2178	Documentation	Resolved	Normal	Website: add screenshot of 3D view to gallery	pospelov	Sprint 39	0	28 Sep 2018 15:30	pospelov
2179	Bug	Resolved	Normal	Saving and loading txt image in GUI causes rotation	juan	Sprint 39	0	28 Sep 2018 16:37	herck
2181	Bug	Resolved	Normal	Loading a project file in the GUI overwrites number of threads	herck	Sprint 39	0	02 Oct 2018 15:37	herck
2183	Bug	Resolved	Normal	Export to python doesn't add extension to file name	juan	Sprint 39	100	04 Oct 2018 11:09	dmitry
2184	Bug	Resolved	Normal	Tuning widget disappears from simulation when "submit only" option is chosen	herck	Sprint 39	0	04 Oct 2018 11:35	dmitry
2186	Documentation	Resolved	Normal	Correct formula for exponential distribution in manual	herck	Sprint 39	0	04 Oct 2018 15:58	herck
2189	Bug	Resolved	Normal	Real time view shows alien tree on jobItem delete	dmitry	Sprint 39	0	05 Oct 2018 15:08	pospelov
2193	Feature	Resolved	Normal	Import order and priority	juan	Sprint 39	100	10 Oct 2018 09:10	dmitry
2194	Feature	Resolved	Normal	Handle native coordinates and units from imported user data in RealDataItem and during instrument linking	dmitry	Sprint 39	0	10 Oct 2018 11:27	dmitry
2195	Feature	Resolved	Normal	Necessary amendments to ImportDataAssistant	juan	Sprint 39	100	10 Oct 2018 11:31	dmitry
2196	Feature	Resolved	Normal	Provide proper cleanup of OpenGL resources on parent widget change	pospelov	Sprint 39	0	12 Oct 2018 16:34	pospelov

...