

## BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
1785	Feature	Resolved	Normal	Add graded layer approximation to GUI	herck	Sprint 33	0	27 Mar 2017 17:51	herck
1658	Bug	Resolved	Normal	add qt5-svg as a dependency		Sprint 33	0	22 Nov 2016 09:31	jmfisher
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
1733	Refactoring	Resolved	High	Avoid multiple calculations of same RT coefficients	herck	Sprint 33	0	12 Dec 2016 09:02	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
1784	Refactoring	Resolved	Normal	Clean up code after implementation of graded layer approximation	herck	Sprint 33	0	27 Mar 2017 13:15	herck
1662	Bug	Resolved	Normal	CMake: require Qt version 5.4		Sprint 33	0	22 Nov 2016 15:53	pospelov
1753	Feature	Resolved	Normal	Create specular peak user example and functional test.	herck	Sprint 33	0	19 Jan 2017 12:10	pospelov
1523	Documentation	Resolved	High	explain numeric value of HomogeneousMagneticMaterial::m_magnetic_prefactor	herck	Sprint 33	0	19 Jul 2016 16:24	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
1661	Bug	Resolved	Normal	FitSuite doesn't know about TestMinimizer	pospelov	Sprint 33	0	22 Nov 2016 15:16	pospelov
1664	Bug	Resolved	Normal	FitSuite.runFit() crashes with unclear error message	herck	Sprint 33	0	23 Nov 2016 11:02	herck
1681	Bug	Resolved	Normal	Fitting GUI: free parameter error	pospelov	Sprint 33	0	25 Nov 2016 12:32	ganeva
1729	Configuration	Resolved	Normal	Fix centos7 CI build on buildbot	herck	Sprint 33	0	06 Dec 2016 16:54	herck
1616	Feature	Resolved	High	For correct computation of mean refractive index, no longer allow embedding particles in the semi-infinite top layer	herck	Sprint 33	0	19 Oct 2016 12:19	wuttke
1692	Bug	Resolved	Normal	GUI and Py: simulation crash when sample contains undefined material	pospelov	Sprint 33	0	01 Dec 2016 09:33	pospelov
1789	Bug	Resolved	Normal	GUI: axes range of color map	pospelov	Sprint 33	0	06 Apr 2017 08:31	ganeva
1639	Bug	Resolved	Normal	GUI: crash if fitting parameter removed	herck	Sprint 33	0	14 Nov 2016 17:56	ganeva
1696	Feature	Resolved	Normal	GUI: Improve drag-and-drop construction of a MultiLayer.	herck	Sprint 33	0	01 Dec 2016 13:53	wuttke
1683	Feature	Resolved	Normal	GUI: provide persistence of plot settings (interpolation, color scale, ...)	pospelov	Sprint 33	0	28 Nov 2016 14:16	herck
1782	Feature	Resolved	Normal	GUI: provide restore project on GUI crash	pospelov	Sprint 33	0	22 Mar 2017 15:14	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
1745	Bug	Resolved	Normal	GUI: resolution function for spherical detector doesn't affect simulation.	pospelov	Sprint 33	0	12 Jan 2017 17:26	pospelov
1759	Bug	Rejected	Normal	GUI: sample script view shows false warnings		Sprint 33	0	26 Jan 2017 09:47	pospelov
1492	Refactoring	Resolved	Normal	GUI: Unify WarningSignWidget usage across the whole project	pospelov	Sprint 33	0	01 Jul 2016 13:49	pospelov

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1641	Bug	Resolved	Normal	histogram2d test fails under certain configurations	pospelov	Sprint 33	0	16 Nov 2016 10:32	jmfisher
163	Feature	Resolved	High	implement IsGISAXS Example 14 (graded layer)	herck	Sprint 33	0	28 Jan 2013 10:45	pospelov
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
1787	Feature	Resolved	Normal	Include option for specular peak in GUI	herck	Sprint 33	0	30 Mar 2017 15:17	herck
1687	Bug	Resolved	Normal	LMA is incorrectly normalized	herck	Sprint 33	0	28 Nov 2016 15:45	herck
1634	Bug	Resolved	High	MacOS dmg 1.7 installation is partly broken	pospelov	Sprint 33	0	11 Nov 2016 16:21	pospelov
1624	Feature	Resolved	Normal	Make all reasonable parameter values into fittable parameter	pospelov	Sprint 33	0	02 Nov 2016 15:47	herck
1604	Refactoring	Resolved	Low	move expected inaccuracy (m_variability) out of class OutputData		Sprint 33	0	09 Sep 2016 13:21	pospelov
1238	Feature	Archived	High	nicer layout for newsletter@bornagainproject.org (reopened: v1.6.0 round mail still had black bars)		Sprint 33	0	05 Nov 2015 10:46	wuttke
1653	Feature	Resolved	Normal	Outcome of BornAgain user meetings in November		Sprint 33	0	20 Nov 2016 13:55	pospelov
1623	Refactoring	Resolved	Normal	Parameter name translation (GUI -> domain)	pospelov	Sprint 33	0	02 Nov 2016 15:45	herck
1674	Bug	Resolved	Normal	Possible bug introduced in Polygon in Python context	pospelov	Sprint 33	0	24 Nov 2016 14:34	pospelov
1633	Bug	Resolved	Normal	Possible memory leakage in LayerStrategyBuilder.	herck	Sprint 33	0	11 Nov 2016 14:42	pospelov
1536	Configuration	Resolved	High	prevent Drupal from sending HTML mails with black horizontal header bar, without left margin, and in grey font	herck	Sprint 33	0	26 Jul 2016 08:02	wuttke
1680	Feature	Resolved	Urgent	Provide 1.7.1 hotfix		Sprint 33	100	25 Nov 2016 12:19	pospelov
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
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
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
1705	Bug	Rejected	High	Py Fit crashes for zero fit parameters		Sprint 33	0	01 Dec 2016 14:40	wuttke
1667	Feature	Resolved	Normal	Read DESY/dpdak tiff files to BornAgain GUI		Sprint 33	100	24 Nov 2016 10:06	ganeva
1478	Feature	Resolved	Normal	Refactor FitParameterLinked to provide simultaneous fit of several sample parameters	pospelov	Sprint 33	0	27 Jun 2016 10:42	pospelov
1730	Refactoring	Resolved	Normal	Refactor ICompositeSample hierarchy	pospelov	Sprint 33	0	06 Dec 2016 17:44	pospelov
1660	Refactoring	Resolved	Normal	remove global functions	wuttke	Sprint 33	0	22 Nov 2016 10:33	wuttke
1659	Refactoring	Resolved	Normal	rename PixelMap -> Pixel	herck	Sprint 33	0	22 Nov 2016 10:01	wuttke
1744	Refactoring	Rejected	High	resolve mutual directory dependence Aggregate <-> Multilayer	herck	Sprint 33	0	23 Dec 2016 14:07	wuttke
1743	Refactoring	Resolved	High	resolve mutual directory dependence Parametrization <-> Scattering	pospelov	Sprint 33	0	23 Dec 2016 14:05	wuttke
1763	Feature	Resolved	Normal	Revise ParameterDistribution constructors and exceptions	pospelov	Sprint 33	0	01 Feb 2017 20:26	pospelov
1764	Bug	Rejected	High	Rotation of magnetic particle insided magnetic layer behaves erroneously	herck	Sprint 33	0	07 Feb 2017 11:01	herck

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1652	Refactoring	Resolved	Normal	Sort namespaces, and provide Doxygen comments	wuttke	Sprint 33	0	20 Nov 2016 10:41	wuttke
1776	Bug	Resolved	Normal	SpecularSimulation gives wrong results when top layer is not vacuum	herck	Sprint 33	0	13 Mar 2017 13:15	herck
1769	Feature	Resolved	Normal	support TIFF data from A. Nent		Sprint 33	0	21 Feb 2017 12:22	wuttke
1496	Configuration	Rejected	Normal	Switch Windows10 buildslave from virtual box to vagrant box	herck	Sprint 33	0	01 Jul 2016 13:56	herck
1635	Configuration	Resolved	Low	update to gtest-1.8		Sprint 33	0	12 Nov 2016 14:10	wuttke
1746	Bug	Resolved	High	Zero scattering for buried particle in magnetic layer	herck	Sprint 33	0	13 Jan 2017 13:18	herck