

## BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	% Done	Created	Author
2288	Bug	Backlog	High	Core: inter-particle: Remove numerical instability at $q=0$ for 2d paracrystal			0	15 Jan 2019 15:37	herck
2347	Bug	Backlog	Normal	GUI crashes with masks and 90deg beam inclination			0	09 May 2019 17:12	herck
2298	Feature	Backlog	Normal	Artwork: provide icon for Hard Disk Percus-Yevick interference function in GUI			0	08 Feb 2019 11:27	herck
2279	Feature	Backlog	Low	Core: allow the user to select the contributions to the scattering intensity (diffuse, coherent)			0	11 Jan 2019 10:21	herck
1612	Feature	Backlog	High	Core: beam propagation: add forward scattering amplitudes to specular amplitude			0	06 Oct 2016 11:26	herck
31	Feature	Backlog	Low	Core: beam propagation: Implement x-ray polarization factor			0	23 May 2012 12:57	herck
2299	Feature	Backlog	Normal	Core: FF: Investigate form factor of a cylinder sector			0	11 Feb 2019 10:13	herck
2164	Feature	Backlog	Low	Core: import: support edf format for scattering data			0	20 Sep 2018 15:06	herck
2215	Feature	Backlog	Low	Core: inter-particle: implement other variant for 2d lattice interference function			0	06 Nov 2018 09:48	herck
1540	Feature	Long Term Idea	Normal	Core: support incoherent z-distribution of particles inside layer			0	27 Jul 2016 17:51	herck
697	Feature	Backlog	Normal	Core: support Monte Carlo integration over all incoherent parameters			0	04 Jun 2014 12:44	herck
1988	Feature	Backlog	Normal	Fit: Propagate best fit parameter values to parameter tree and fit parameter list			0	28 Feb 2018 11:53	herck
2205	Feature	Backlog	Low	Fit: Replace difference plot in fitobserver with the true metric used for minimization			0	18 Oct 2018 13:47	herck
1817	Feature	Backlog	Normal	GUI: provide an easy way of importing instrument definitions and real data into the GUI			0	12 Jun 2017 14:57	herck
2266	Feature	Backlog	Normal	GUI: set detector analyzer direction automatically to beam polarization (with the option of changing it manually)			0	20 Dec 2018 16:56	herck
2094	Feature	Backlog	Normal	Polarized: allow magnetic scattering for all IComputations	rbeerwerth		0	20 Jun 2018 11:54	herck
1994	Feature	Backlog	Normal	Units: Enable automatic conversion of parameter values/limits between GUI and Core (enabling angle fit parameters)			0	01 Mar 2018 16:12	herck
330	Documentation	In Progress	Normal	Core: beam propagation: take care of $k_z=0$ case appropriately	rbeerwerth	v1.18	0	17 Jul 2013 11:19	herck
2013	Documentation	Backlog	Normal	Example to create: project file with 'real' data and web tutorial using this			0	16 Mar 2018 10:11	herck
1990	Refactoring	Sprint	Normal	Code organisation: Remove duplicate type definitions in BornAgainNamespace.h and item_constants.h	wuttke		0	28 Feb 2018 14:08	herck
1766	Refactoring	Backlog	Normal	Core: FF: Replace all form factors in sample creation by shapes	wuttke		0	16 Feb 2017 13:58	herck
2120	Refactoring	Backlog	Low	Core: inter-particle: Let decay functions calculate the minimum and maximum values of $q$ to use			0	24 Jul 2018 12:19	herck
409	Refactoring	Backlog	Normal	Core: remove duplicate functions "evaluate" and "evaluatePol"			0	25 Sep 2013 11:12	herck
2050	Refactoring	Backlog	Normal	GUI: SessionModel::copyItem: remove dependence on XML serialization			0	14 May 2018 18:24	herck
1775	Refactoring	Backlog	Normal	Parameterization: Check pyramid like shapes for angles $> 90$ degrees			0	08 Mar 2017 14:13	herck

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2133	Testing	Backlog	Normal	Core: slicing: ensure functional test coverage of sliced particles			0	31 Jul 2018 13:22	herck
2309	Testing	Backlog	Normal	Core: slicing: Provide more test coverage of multilayer slicing machinery			0	28 Feb 2019 09:52	herck