

## BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
2288	Bug	Backlog	High	Core: inter-particle: Remove numerical instability at $q=0$ for 2d paracrystal			herck	18 Sep 2020 21:55
1612	Feature	Backlog	High	Core: beam propagation: add forward scattering amplitudes to specular amplitude			herck	19 Sep 2020 10:32
2347	Bug	Backlog	Normal	GUI crashes with masks and 90deg beam inclination			herck	30 Jul 2019 16:29
2309	Testing	Backlog	Normal	Core: slicing: Provide more test coverage of multilayer slicing machinery			herck	19 Sep 2020 10:11
2299	Feature	Backlog	Normal	Core: FF: Investigate form factor of a cylinder sector			herck	18 Sep 2020 16:32
2266	Feature	Backlog	Normal	GUI: set detector analyzer direction automatically to beam polarization (with the option of changing it manually)			herck	20 Dec 2018 16:56
2133	Testing	Backlog	Normal	Core: slicing: ensure functional test coverage of sliced particles			herck	18 Sep 2020 23:35
2094	Feature	Backlog	Normal	Polarized: allow magnetic scattering for all IComputations	rbeerwerth		herck	23 Sep 2020 11:04
2050	Refactoring	Backlog	Normal	GUI: SessionModel::copyItem: remove dependence on XML serialization			herck	18 Sep 2020 22:25
2013	Documentation	Backlog	Normal	Example to create: project file with 'real' data and web tutorial using this			herck	18 Sep 2020 16:01
1994	Feature	Backlog	Normal	Units: Enable automatic conversion of parameter values/limits between GUI and Core (enabling angle fit parameters)			herck	18 Sep 2020 23:27
1990	Refactoring	Sprint	Normal	Code organisation: Remove duplicate type definitions in BornAgainNamespace.h and item_constants.h	wuttke		herck	18 Sep 2020 21:56
1988	Feature	Backlog	Normal	Fit: Propagate best fit parameter values to parameter tree and fit parameter list			herck	18 Sep 2020 22:48
1817	Feature	Backlog	Normal	GUI: provide an easy way of importing instrument definitions and real data into the GUI			herck	18 Sep 2020 22:43
1775	Refactoring	Backlog	Normal	Parameterization: Check pyramid like shapes for angles > 90 degrees			herck	18 Sep 2020 23:44
1766	Refactoring	Backlog	Normal	Core: FF: Replace all form factors in sample creation by shapes	wuttke		herck	21 Sep 2020 12:09
1540	Feature	Long Term Idea	Normal	Core: support incoherent z-distribution of particles inside layer			herck	18 Sep 2020 16:59
697	Feature	Backlog	Normal	Core: support Monte Carlo integration over all incoherent parameters			herck	19 Sep 2020 10:11
2279	Feature	Backlog	Low	Core: allow the user to select the contributions to the scattering intensity (diffuse, coherent)			herck	18 Sep 2020 23:47
2215	Feature	Backlog	Low	Core: inter-particle: implement other variant for 2d lattice interference function			herck	18 Sep 2020 23:17
2205	Feature	Backlog	Low	Fit: Replace difference plot in fitobserver with the true metric used for minimization			herck	18 Sep 2020 21:51
2164	Feature	Backlog	Low	Core: import: support edf format for scattering data			herck	18 Sep 2020 23:16
2120	Refactoring	Backlog	Low	Core: inter-particle: Let decay functions calculate the minimum and maximum values of $q$ to use			herck	18 Sep 2020 23:03
31	Feature	Backlog	Low	Core: beam propagation: Implement x-ray polarization factor			herck	18 Sep 2020 17:37