

## BornAgain - Issues

| #    | Tracker | Status   | Priority | Subject                                                                                                        | Assignee   | Target version | % Done | Created           | Author   |
|------|---------|----------|----------|----------------------------------------------------------------------------------------------------------------|------------|----------------|--------|-------------------|----------|
| 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 |
| 1929 | Feature | Resolved | Normal   | Switch Python3 ON by default                                                                                   | herck      | Sprint 36      | 0      | 09 Jan 2018 13:49 | pospelov |
| 1879 | Feature | Resolved | Normal   | Set default beam intensity to 1 instead of 0                                                                   | herck      | Sprint 36      | 0      | 08 Nov 2017 13:53 | herck    |
| 1955 | Feature | Resolved | Normal   | Revise axes labels in all Python examples                                                                      | herck      | Sprint 36      | 0      | 06 Feb 2018 17:50 | pospelov |
| 1904 | Feature | Resolved | Normal   | Replace MaterialProperty and ColorProperty with universal property                                             | pospelov   | Sprint 36      | 0      | 23 Nov 2017 08:59 | pospelov |
| 1933 | Feature | Resolved | Normal   | Provide same functionality for offspecular simulation as for GISASSimulation                                   | herck      | Sprint 36      | 0      | 16 Jan 2018 14:22 | herck    |
| 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 |
| 1849 | Feature | Resolved | Normal   | Provide materials with magnetization in GUI                                                                    | herck      | Sprint 36      | 0      | 09 Oct 2017 16:36 | herck    |
| 1947 | Feature | Resolved | Normal   | Provide MaterialBySLD functional test                                                                          | dmitry     | Sprint 36      | 100    | 26 Jan 2018 11:09 | pospelov |
| 1882 | Feature | Resolved | Normal   | Provide material type functionality in GUI                                                                     | pospelov   | Sprint 36      | 100    | 10 Nov 2017 10:27 | dmitry   |
| 1948 | Feature | Resolved | Normal   | Provide fourier transformation of simulated image in GUI                                                       | anikhalder | Sprint 36      | 0      | 26 Jan 2018 18:25 | pospelov |
| 1884 | Feature | Resolved | Normal   | Provide common interface for Simulation and SpecularSimulation                                                 | dmitry     | Sprint 36      | 100    | 10 Nov 2017 10:39 | dmitry   |
| 1912 | Feature | Resolved | Normal   | Provide combobox for background selection                                                                      | herck      | Sprint 36      | 0      | 30 Nov 2017 10:10 | herck    |
| 1905 | Feature | Resolved | Normal   | Provide access to minimizer catalogue from python                                                              | pospelov   | Sprint 36      | 0      | 23 Nov 2017 09:50 | pospelov |
| 1874 | Feature | Resolved | Normal   | Provide a way to add background to simulated data                                                              | herck      | Sprint 36      | 0      | 02 Nov 2017 11:13 | pospelov |
| 1923 | Feature | Resolved | Low      | Propagate exception messages from python extensions of BornAgain library                                       | dmitry     | Sprint 36      | 100    | 07 Dec 2017 17:54 | dmitry   |
| 1921 | Feature | Resolved | Normal   | Move GUI unit tests from QTest to google test                                                                  | pospelov   | Sprint 36      | 0      | 07 Dec 2017 12:36 | 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 |
| 1907 | Feature | Resolved | Normal   | Merge ComboProperty and GroupProperty                                                                          | pospelov   | Sprint 36      | 0      | 27 Nov 2017 09:22 | 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   |
| 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   |
| 1818 | Feature | Resolved | Normal   | Investigate simulation performance in the case of large detectors                                              | dmitry     | Sprint 36      | 0      | 14 Jun 2017 09:04 | pospelov |
| 1842 | Feature | Rejected | Normal   | Improve simulation performance in the case of large detectors                                                  | dmitry     | Sprint 36      | 0      | 19 Sep 2017 10:47 | herck    |
| 1869 | Feature | Resolved | Normal   | Implement transform from domain for off-specular instrument                                                    | pospelov   | Sprint 36      | 0      | 25 Oct 2017 10:13 | pospelov |
| 1932 | Feature | Rejected | Normal   | Implement rectangular detector for offspecular simulation                                                      | herck      | Sprint 36      | 0      | 16 Jan 2018 14:22 | herck    |
| 1931 | Feature | Resolved | Normal   | Implement footprint correction                                                                                 | dmitry     | Sprint 36      | 100    | 15 Jan 2018 12:41 | dmitry   |
| 1859 | Feature | Resolved | Normal   | Implement fitting for specular signal simulations                                                              | dmitry     | Sprint 36      | 100    | 17 Oct 2017 16:15 | dmitry   |

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|------|---------|----------|----------|-------------------------------------------------------------------------------------------|----------|----------------|--------|-------------------|----------|
| 1870 | Feature | Resolved | Normal   | Implement export-to-Python for off-specular instrument                                    | pospelov | Sprint 36      | 0      | 25 Oct 2017 10:14 | pospelov |
| 1826 | Feature | Rejected | Normal   | GUI: revise all tooltips of InstrumentView                                                | pospelov | Sprint 36      | 0      | 17 Jul 2017 17:25 | pospelov |
| 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 |
| 1936 | Feature | Resolved | Normal   | GUI: provide specular instrument type in GUI                                              | dmitry   | Sprint 36      | 0      | 17 Jan 2018 09:16 | pospelov |
| 1878 | Feature | Resolved | Normal   | GUI: provide prototype of ComponentEditor not relying on qtpropertybrowser framework      | pospelov | Sprint 36      | 0      | 06 Nov 2017 15:29 | pospelov |
| 1848 | Feature | Resolved | Normal   | GUI: provide polarized beam and polarization analysis for detector                        | herck    | Sprint 36      | 0      | 09 Oct 2017 16:35 | herck    |
| 1868 | Feature | Resolved | Normal   | GUI: provide off-specular instrument type in GUI                                          | pospelov | Sprint 36      | 0      | 25 Oct 2017 10:11 | 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 |
| 1866 | Feature | Resolved | Normal   | GUI: provide correct translations for polarized scattering: GUI -> Python                 | herck    | Sprint 36      | 0      | 23 Oct 2017 17:24 | herck    |
| 1850 | Feature | Resolved | Normal   | GUI: provide correct translations for polarized scattering: GUI -> domain                 | herck    | Sprint 36      | 0      | 09 Oct 2017 16:37 | herck    |
| 1865 | Feature | Resolved | Normal   | GUI: provide correct translations for polarized scattering: domain -> GUI                 | herck    | Sprint 36      | 0      | 23 Oct 2017 17:24 | herck    |
| 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 |
| 1935 | Feature | Resolved | Normal   | GUI: create uniform icons for GISAS, OffSpec and Specular instruments                     | pospelov | Sprint 36      | 0      | 17 Jan 2018 09:15 | pospelov |
| 1969 | Feature | Resolved | Normal   | Enable distribution of inclination angle in off-specular simulation                       | herck    | Sprint 36      | 0      | 19 Feb 2018 16:18 | 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   |
| 1005 | Feature | Resolved | Normal   | Create off-specular simulation functional test                                            | pospelov | Sprint 36      | 0      | 09 Mar 2015 17:16 | pospelov |
| 1909 | Feature | Resolved | Normal   | Correctly provide translation of background to Python/GUI/domain                          | herck    | Sprint 36      | 0      | 27 Nov 2017 12:30 | herck    |
| 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   |
| 1951 | Feature | Rejected | Normal   | Apply new unit conversion machinery for SpecularSimulation                                | dmitry   | Sprint 36      | 0      | 29 Jan 2018 12:05 | dmitry   |
| 1860 | Feature | Resolved | Normal   | Allow for instrument resolution in specular calculations                                  | dmitry   | Sprint 36      | 100    | 17 Oct 2017 16:22 | dmitry   |
| 1906 | Feature | Resolved | Normal   | Add functional test for specular simulation                                               | dmitry   | Sprint 36      | 100    | 24 Nov 2017 12:35 | dmitry   |
| 1908 | Feature | Resolved | Normal   | Add background option to GUI                                                              | herck    | Sprint 36      | 0      | 27 Nov 2017 12:29 | herck    |
| 1902 | Feature | Resolved | Normal   | Add 1D detector for specular simulations                                                  | dmitry   | Sprint 36      | 100    | 22 Nov 2017 10:49 | dmitry   |