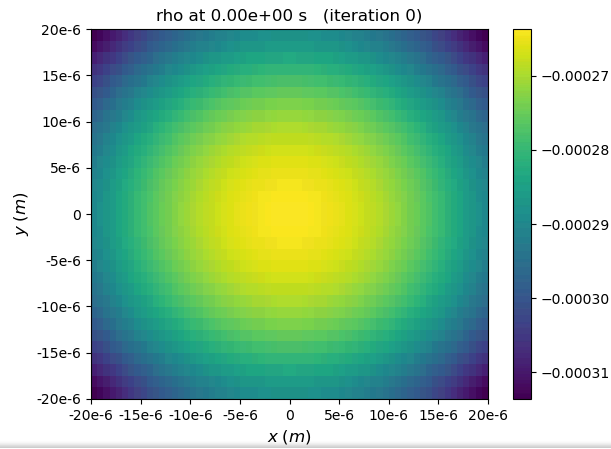


```
[3]: import openpmd_api as io
import numpy as np
import os
# import matplotlib.pyplot as plt
%matplotlib inline
from openpmd_viewer import OpenPMDTimeSeries
```

```
*[164]: ts3 = OpenPMDTimeSeries('./diags/gradient/openpmd_000000.h5')
ts5 = OpenPMDTimeSeries('./diags/gradient_data/openpmd_000000.h5')
ts6 = OpenPMDTimeSeries('./diags/asymm/openpmd_000000.h5')
ts10 = OpenPMDTimeSeries('./diags/asymm/openpmd_000000.h5')
```

```
[109]: rho, info_rho = ts5.get_field(iteration = 0, field = 'rho', slice_across = 'z', plot = True)
```



```
[165]: rho, info_rho = ts3.get_field(iteration = 0, field = 'rho', slice_across = 'z', plot = True)
```

