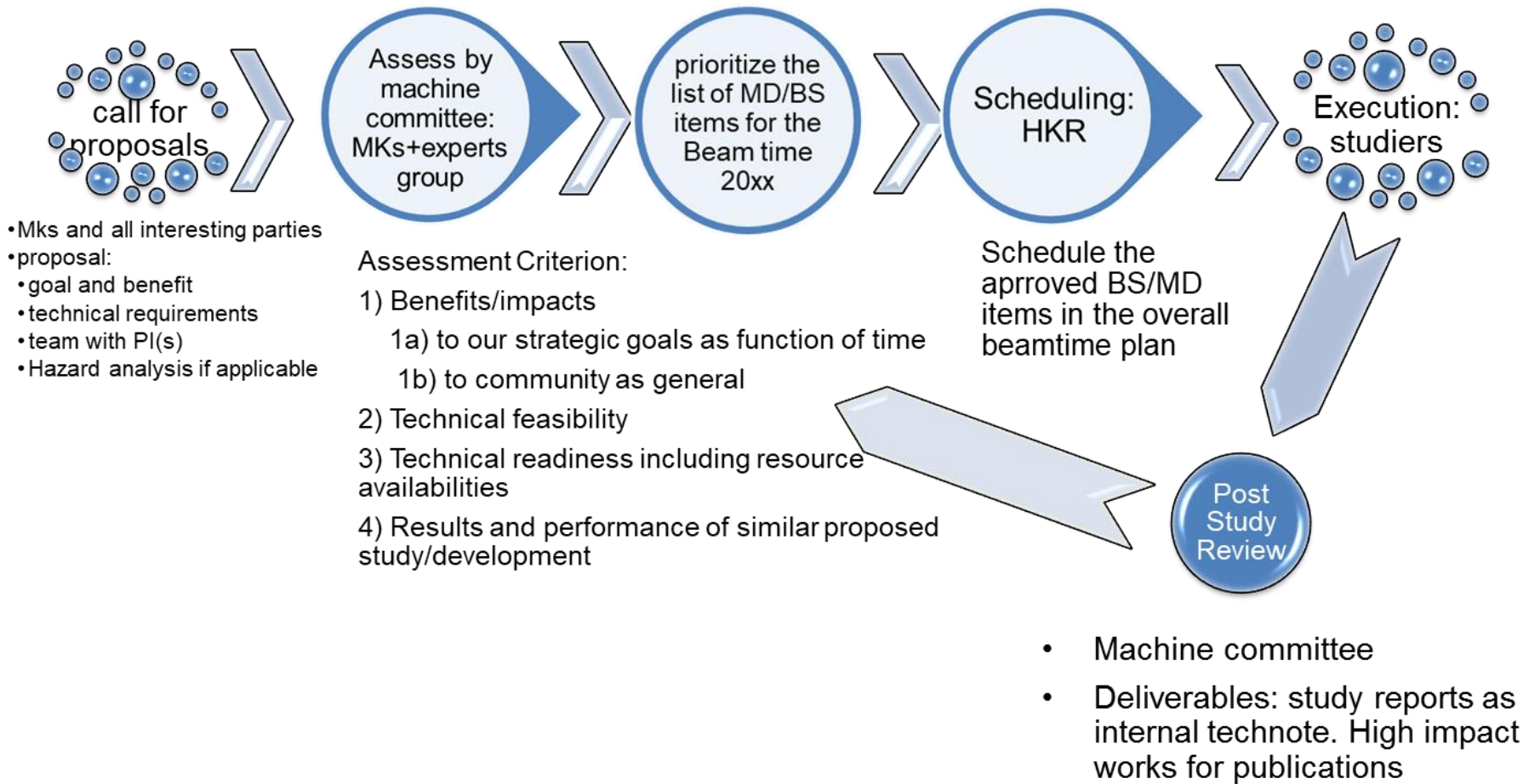


A detailed wireframe model of a particle accelerator, showing a large circular ring structure in the foreground and a more complex, multi-sectioned structure in the background. The model is rendered in a light gray wireframe style, highlighting the intricate geometry of the machine.

Beam Study/ Machine Development Planning Process

M. Bai, GSI

Beam Study/ Machine Development Planning Process



GSI Beam Experiment Proposal



Dokumenttyp:

GSI Beam Experiment Proposal

Datum:
01.07.2019

Seite 1 von 1

- Template can be found at:
https://www.gsi.de/work/beschleunigerbetrieb/dokumente/gsi_beam_experiment_machine_development.htm

BE Number:

Beam Experiment Title:

Spokesperson(s) a.k.a. PI:

With which accelerator/beamline will this EXPERIMENT be carried out?

1- Team:

2- Experiment Goal:

3- Benefits:

- immediate performance improvement
- operations performance and reliability
- critical for future upgrade measures, if yes, when?
- general accelerator physics
- experiment detector development

4- Brief Experiment Description:

5- Beam- and Machine Parameters

Ion Species
Charge State
Intensity
Beam Parameters
Machine Parameters

6- Hazard Analysis - List Potentially Hazardous Equipment or Potentially Hazardous Operations Introduced by the Study. If none, then state none here.

7- Resources:

Instrumentation
Applications
Time
Personnel

8- Does this study involve INTENTIONAL Beam loss? Yes No

9- Plan for Data Analysis:

10- Results: