

Positronium intensity measurement preparation (GBAR)

SNU

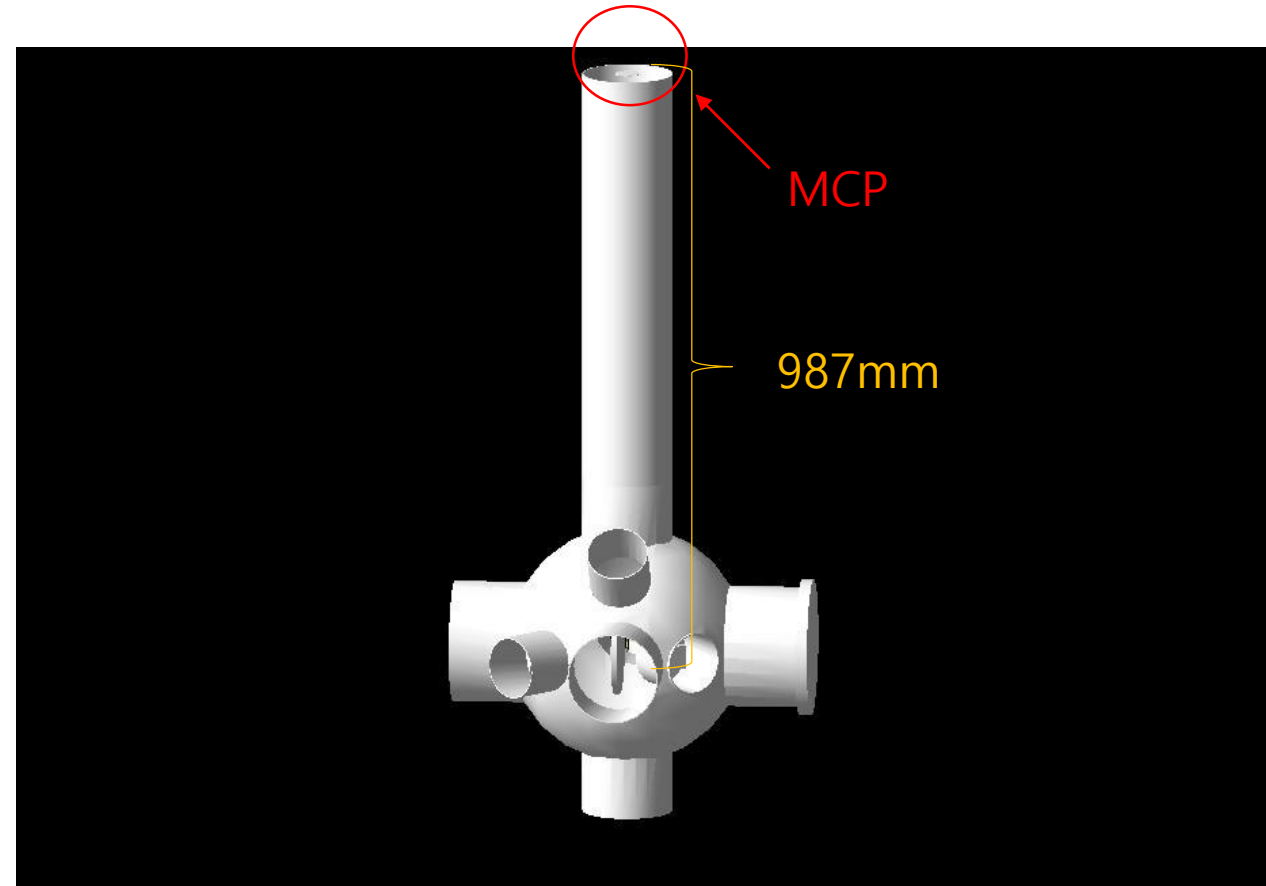
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About simulation frame work issue

- I discussed with Bertrand and Patrice and Patrice want me to add even B-field issue in this work.
 - I need to circulate mail to collaborator soon with Bertrand to issue and to make small mailing group for frame work(?)
 - E-group in CERN mailing
 - GIT service (can be connected with E-group)
- <https://gitlab.cern.ch/>
- service can be usable also in lxplus.cern.ch (working server)
 - I will mail to D.Banerjee and S.Wolf to ask details.

Positronium measurement preparation

- Simulation – Trying to modify minor parameters (positron reflection energy and angle)
 - check gamma amount in MCP region
- From January, gamma measurement using positron bunch beam is planed.
- Report will be done in this year.



Status in CEA Saclay

- Linac is ready.
- Top water can be usable from January → Can test positron bunch to tune buffer gas trap
- Antion (positronium) chamber : need to prepare several stuff..
- Buncher switch (drawing done)
- Holder design for W block (ongoing) – Kimball components

