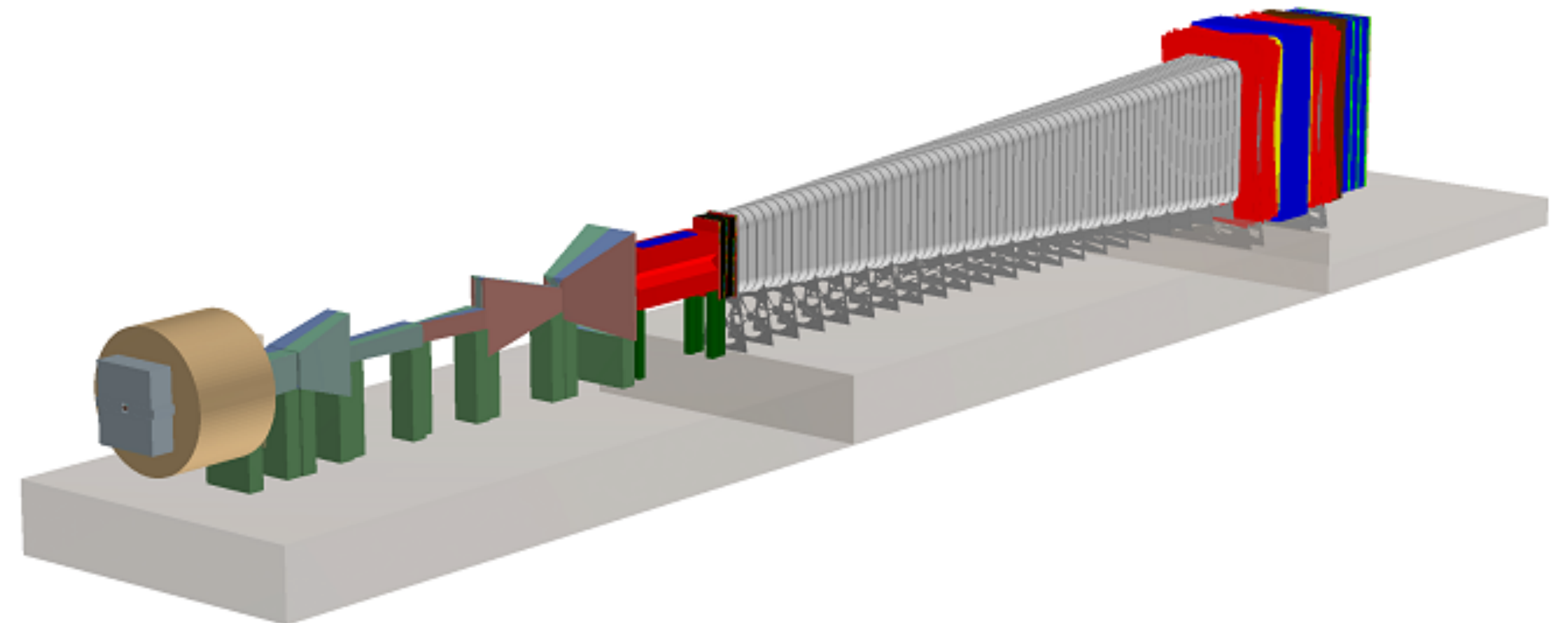
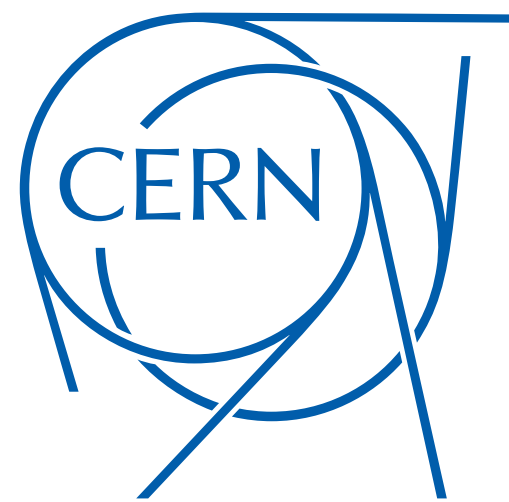


Update of the European Strategy of Particle Physics and Beam Dump Facility

Eckhard Elsen

Director Research and Computing





organisation & input preparation by community

- ✓ **Jan.2018**
Call for proposals for venues for Open Symposium and Strategy Drafting Session
- ✓ **Febr.2018**
Call for scientific input
- ✓ **March.2018**
Call for nominations of PPG & ESG members
- ✓ **June 14,2018**
Council decision on venues and dates
- ✓ **Sept 27,2018**
Council launches the Strategy Update process & establish the PPG and ESG

consultation & consensus building

- ✓ **Dec 18.2018**
Closing submission community input
- ✓ **May 13-16,2019**
Open Symposium
Granada, ES
- Sept.2019**
Physics Briefing Book available
- Jan 20-24,2020**
Strategy Update Drafting Session
Bad Honnef, DE
- March.2020**
Strategy Update submitted to Council
- May.2020**
Council to approve Strategy Update

Physics results appearing after May 2019 will be taken into account in the process

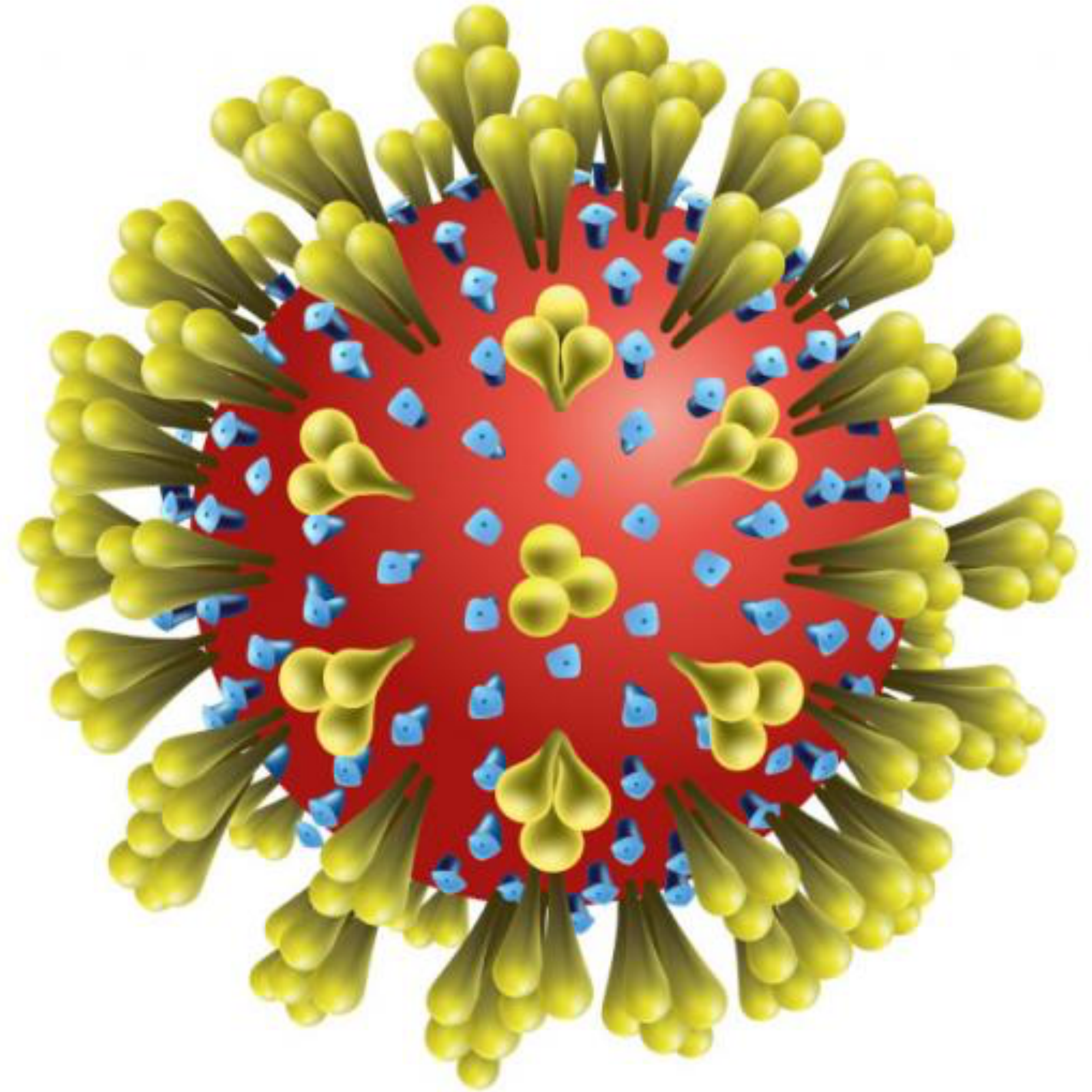
next step

Status of the Updates

- Following discussions in Bad Honnef end of January, European Strategy Group (ESG) produced 2 documents:
 - (Draft) Update of the European Strategy for Particle Physics: 5-page document with recommendations and short introductory remarks
 - (Draft) Deliberation document: 20-page documents with more explanations and details

...following the example of the EPPSU 2013

...and then



CERN Council March Meeting

- Council had a first round of discussions on 20 March:
 - special Council session on 25 May in Budapest for ESPP formal approval cancelled – instead
 - on 25 May, Council will meet remotely for a second round of discussions
- formal approval likely at June Council session
- There is still some discussion on what *approval* actually implies

...strategy documents remain
confidential until such time

Status of Physics Beyond Collider Study independent of EPPSU

- There are a number of proposals that have been considered in the PBC study with considerable physics potential and modest financial impact
- These project have been evaluated by the SPSC at CERN
- In several cases the Research Board has approved a year 2021 programme: COMPASS, NA61, NA62...
- The technical groups have considered a consolidation programme of the North Area (a first step; could later be followed by an upgrade to the BDF, technically. No approval at this time).

*please see
C. Vallée's
presentation*

Final Comments

- EPPSU will most likely go public in June 2020
- There is a lot of support for the Physics Beyond Collider activities as an important ingredient of Physics Diversity at CERN (in addition to AD, ISOLDE, ...)
- However, we must be wary of the special circumstances that arose recently with implications, which we cannot yet fully appreciate

<http://gabgoh.github.io/COVID>

