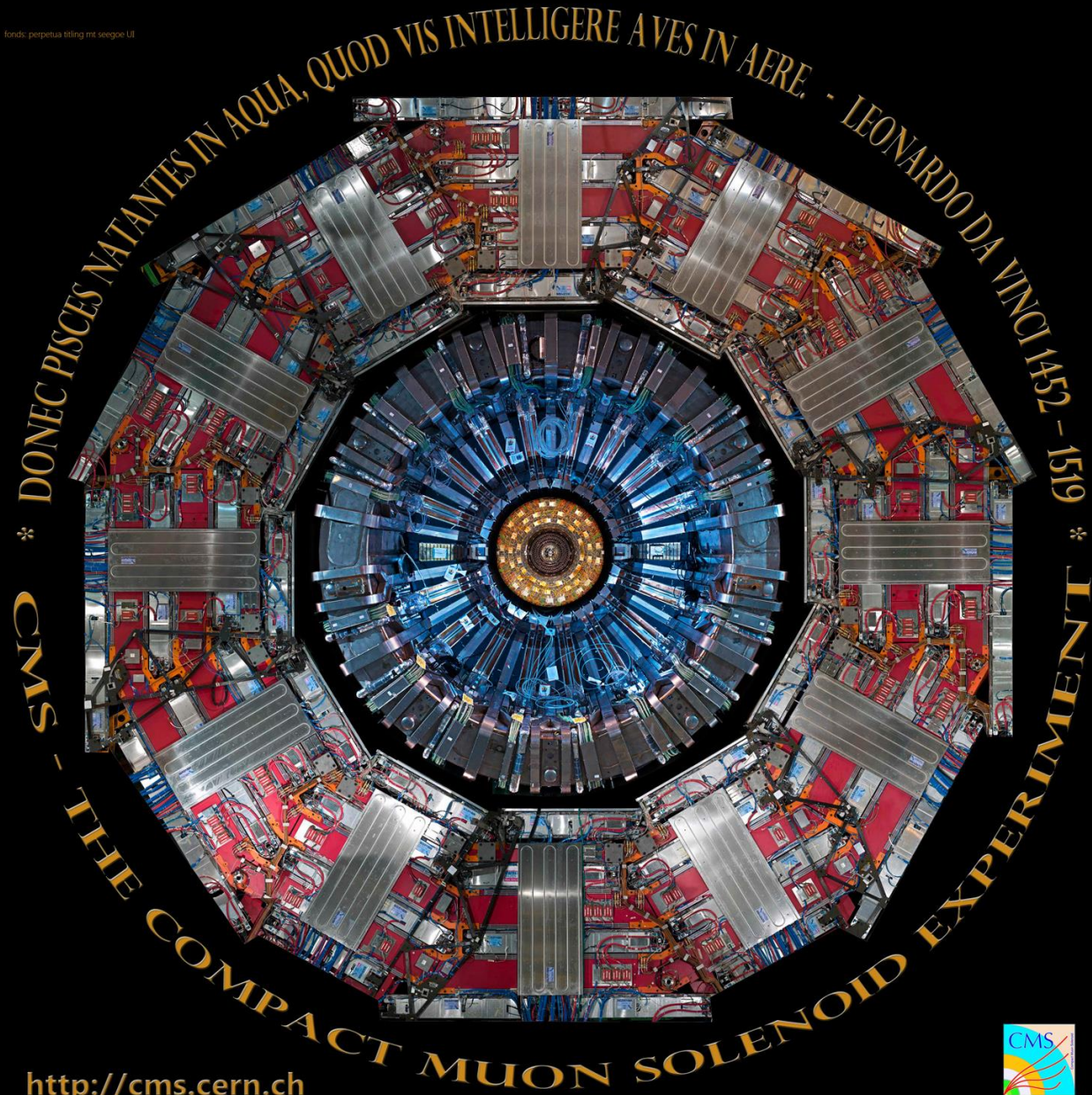


fondc: perpetua filling mt seegoo UI



future
visitor
experience
at **CMS**
CERN P5

<http://cms.cern.ch>



Michael.Hoch@cern.ch

March 3rd 2022

P5 visits development 2011-2015:

2011 (01 -06)	:	600
2011 (07-12)	:	2400
2012	:	10 384
2013	:	30 000 LS1
2014	:	38 000 LS1

2022: What could be the future visitor experience at CERN P5 CMS

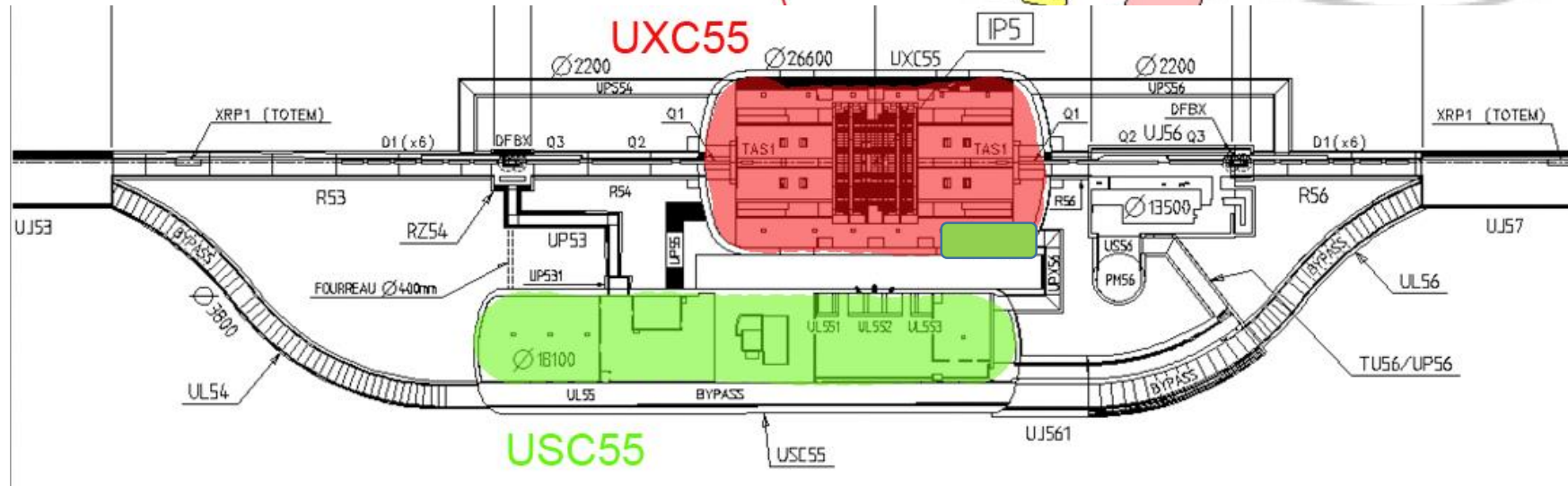
Fundamental question 2022 with impact for the years to come:

- 1) Does CMS wants to provide an exciting unique visitor experience at CERN P5
- 2) What is the target number of visitors we need to set up the infrastructure

Public@CMS P5

Guide needs:

- CMS allows visitors to access delicate areas – SX5, Control Room, UXC55 / USC55
- Safety of the experiment and people has to be assured
- Access to underground areas



Possible milestones around the corner

- June 2022 - > 10 Years Higgs Boson discovery at CERN P5 - CMS
 - What is CMS planning to provide at P5 to emphasise that CMS was one of the 2 discovery machines and scientific collaboration?
 - Regardless of the event more Information about the HIGGS Boson is needed
- Summer 2023 -> opening CERN Science Gateway
 - Can CMS provide a complementary infrastructure to this 100 million CHF science centre ?
 - Will CERN still support visits to CMS : pay guides / transport visitors
- ATLAS, ALICE made a significant upgrade on their visitor infrastructure

Possible options and time lines

1. Keep it as it is and let it fade out
2. Refurbish and improve the existing visitor experience at P5
3. Launching a CERN P5 outreach & education infrastructure project
 1. Involving Cessy and Pay de Gex
 2. Emphasizing that CMS is the largest scientific collaboration in France
 3. Roll up proper funding via GLOBE foundation or similar
4. In parallel we should further develop the virtual experience
 1. Virtual Visits with personal guided tours
 2. Virtual exhibition self navigation through the site
 1. See virtual museum Hanyang Museum The Cosmonaut:

