

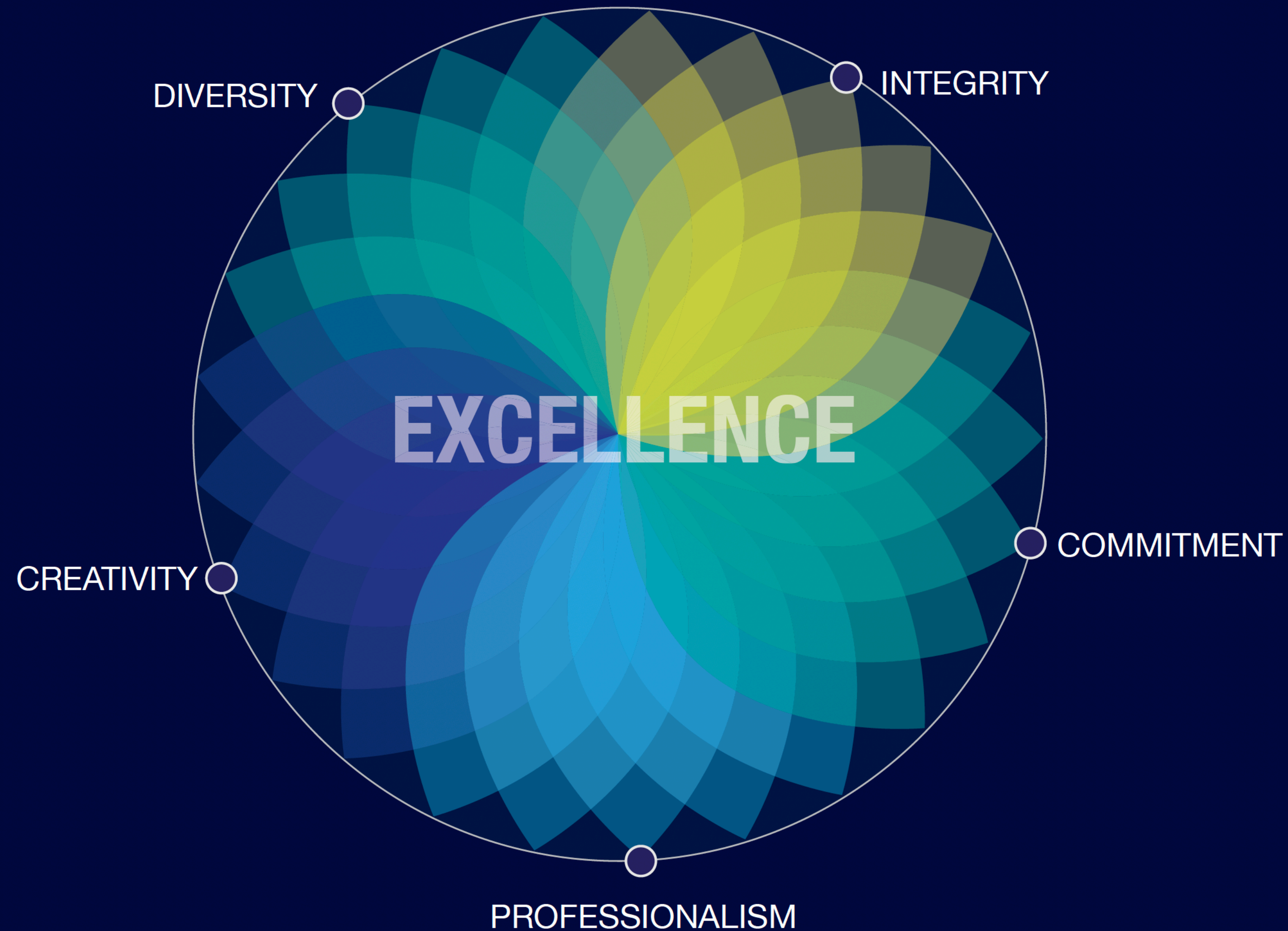


# OSPO and Open Science

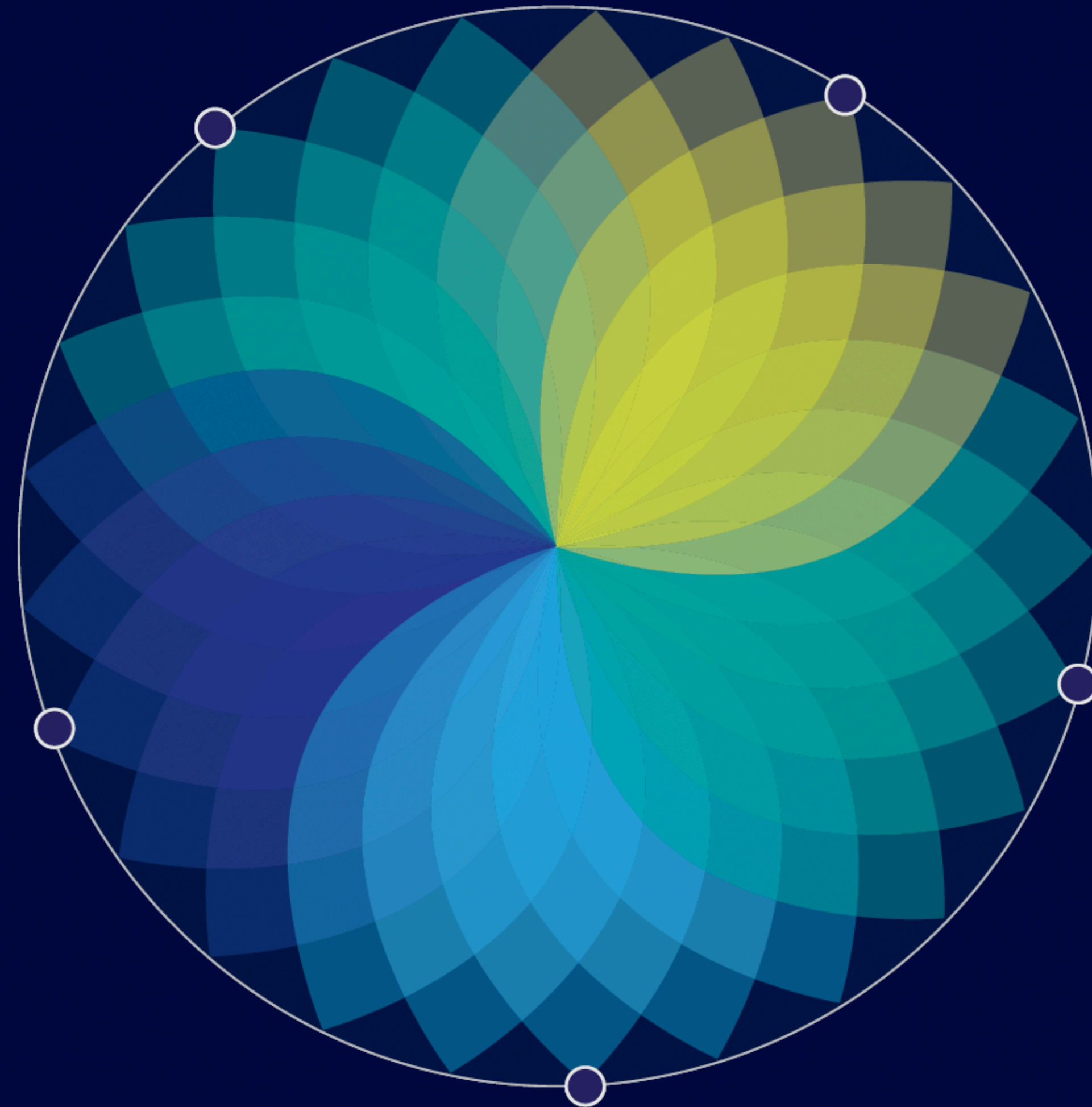
**Welcome from the chair of the CERN Open Science  
Practitioners Forum**

[openscience.cern](https://openscience.cern)

**Clemens Lange (Paul Scherrer Institute PSI)**  
2024 CERN OSPO Event, 7<sup>th</sup> November 2024



**Code of Conduct:** Furthering EXCELLENCE at CERN through Integrity, Commitment, Professionalism, Creativity and Diversity



**CREATIVITY**

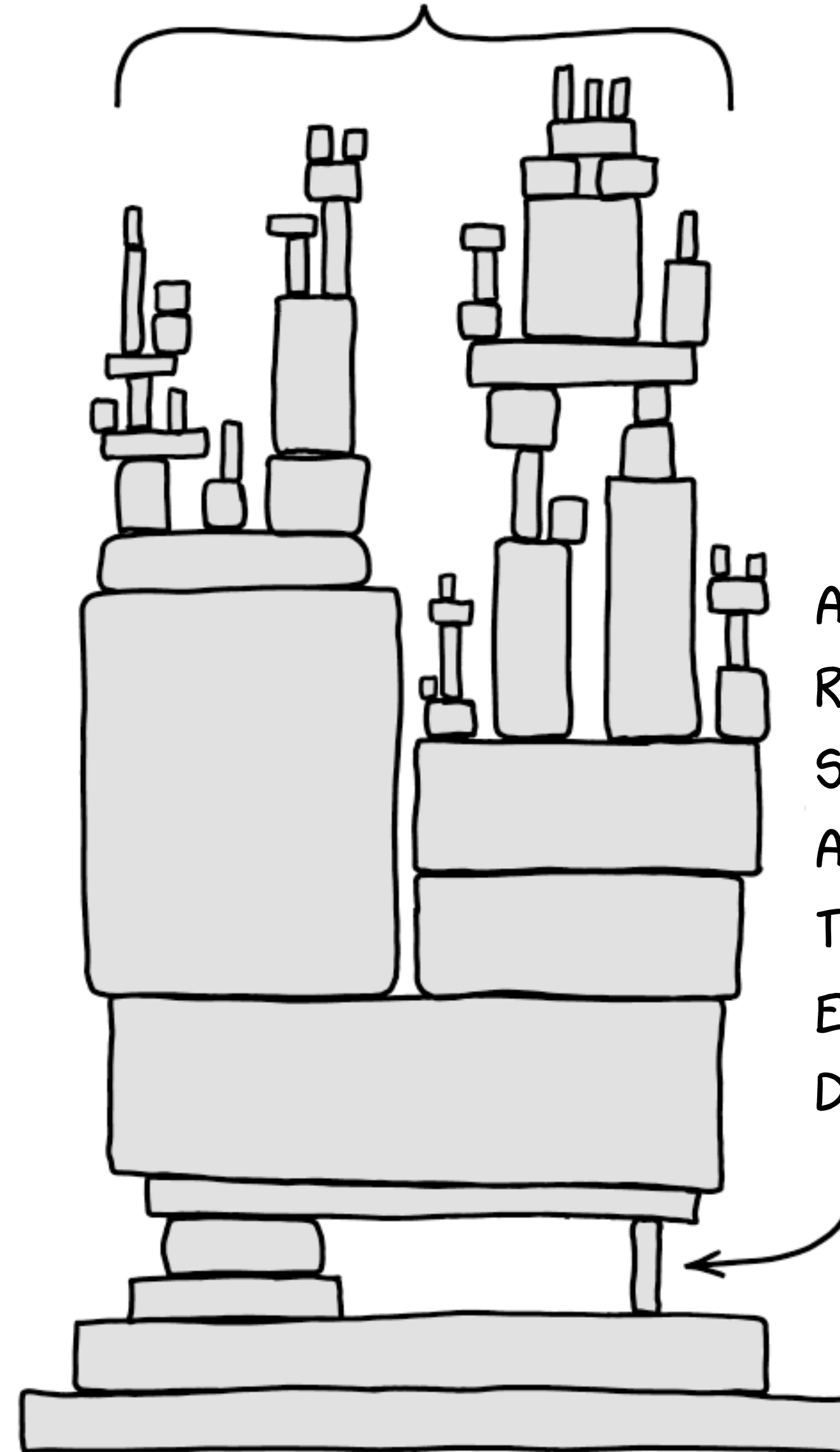
CERN encourages continuous learning and development and values innovation as well as a **proactive approach to acquiring and sharing information.**

# CERN Code of Conduct: Creativity

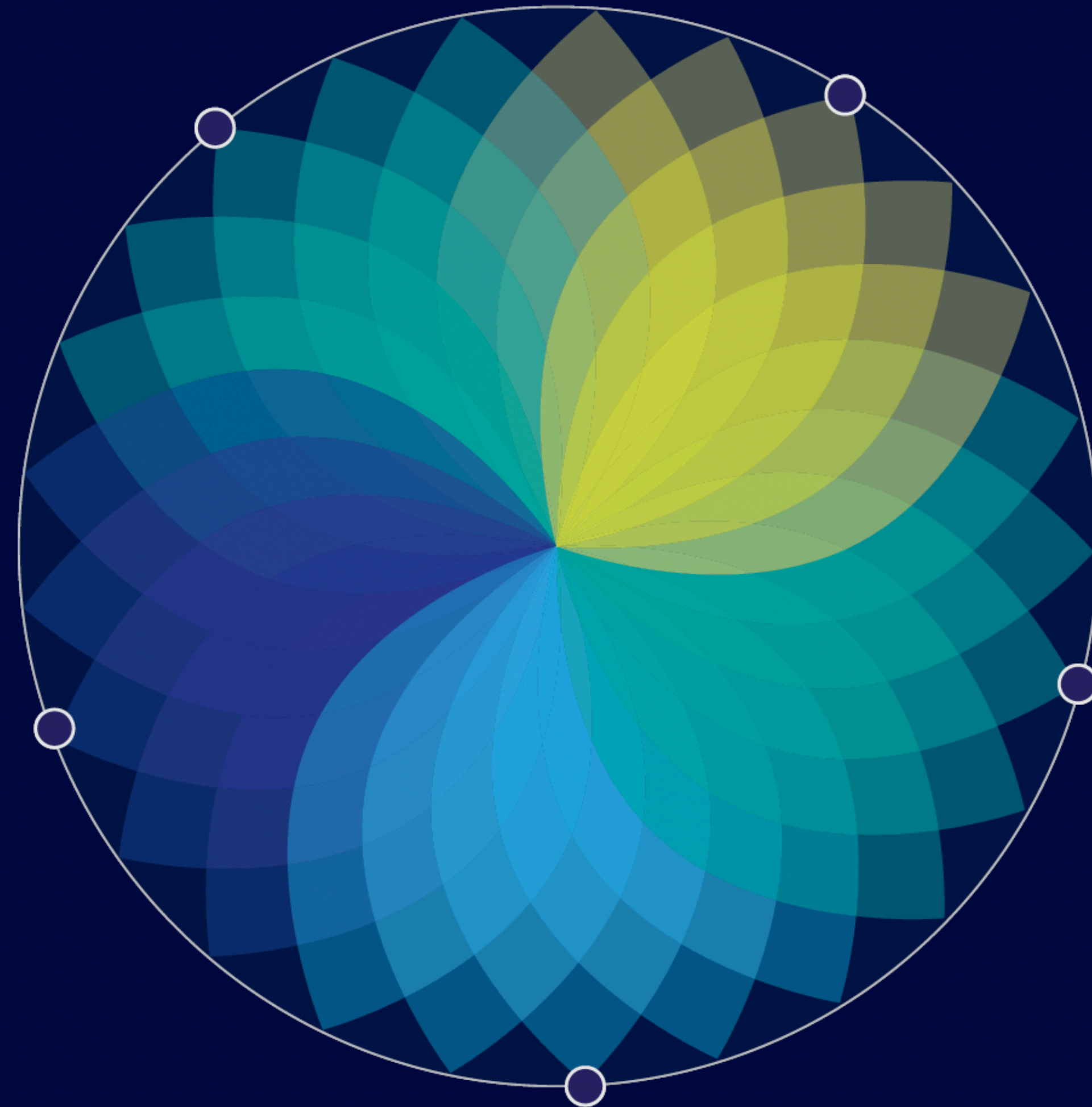
As CERN contributors, we

- > Follow developments within our domain.
- > Use our professional experience in a constructive manner.
- > Contribute to the evolution of CERN by committing to **sharing our knowledge**.
- > **Share** with internal parties **any information that could benefit them in their work**.
- > Are open to new ideas and approaches.
- > Adopt alternative outlooks in order to generate new thoughts and concepts.

ALL SOFTWARE USED BY  
CERN RESEARCH PROJECTS



A PROJECT SOME  
RANDOM CMS PHD  
STUDENT CREATED  
AS A WORKAROUND  
TO AN ISSUE  
ENCOUNTERED,  
DUMPED ON GITHUB



**PROFESSIONALISM**

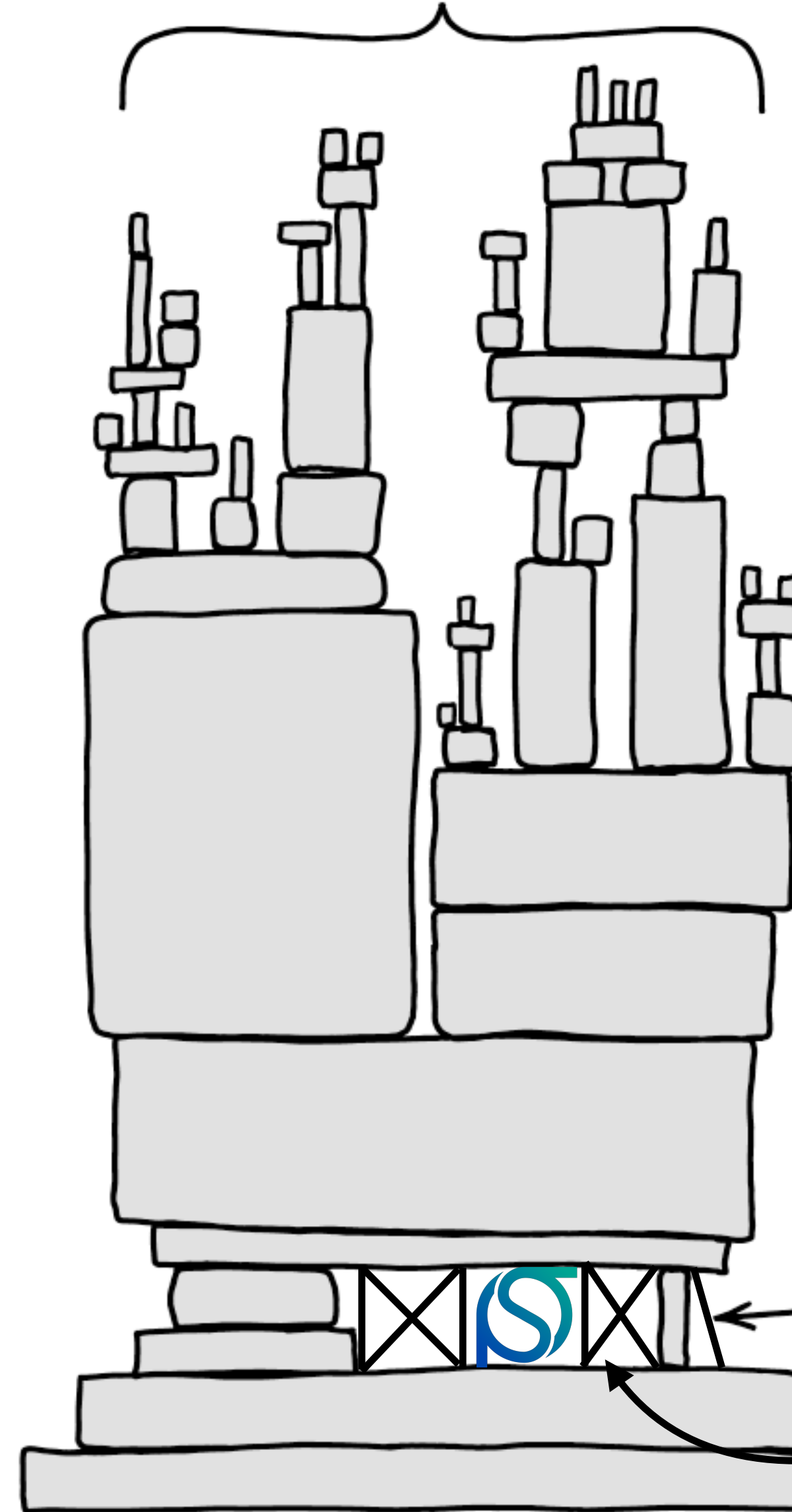
**Invest in CERN's future** by taking **long-term effectiveness** into account when managing short and medium-term activities.

# CERN Code of Conduct: Creativity & Professionalism

As CERN contributors, we

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- > **Share** with internal parties **any information that could benefit them in their work**.
- > Are open to new ideas and approaches.
- > Adopt alternative outlooks in order to generate new thoughts and concepts.
- > Conduct our work in a **structured way** to **enhance knowledge transfer and continuity**.

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CERN RESEARCH PROJECTS



A PROJECT SOME  
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OSPO

Sharing?

Maintenance?

Contributing?

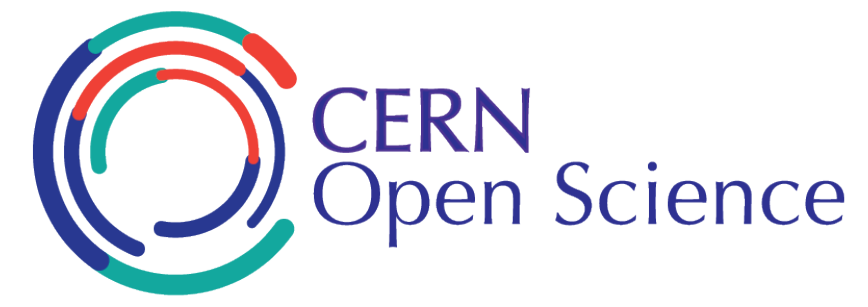
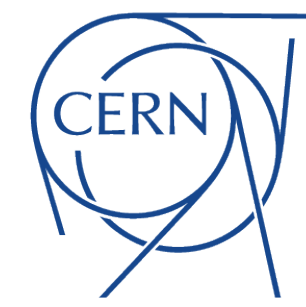
License?

Findable?

...



# OSPO as part of Open Science at CERN



**Director General | Director of Research and Computing**

**Open Science Steering Board**

**Open Science Practitioners Forum (OSPF)**

**Open Science Office**

**Open Data  
Working Group**

**CoARA  
Implementation  
Working Group**

**Scientific  
Information  
Policy Board**

**... Working  
Group**

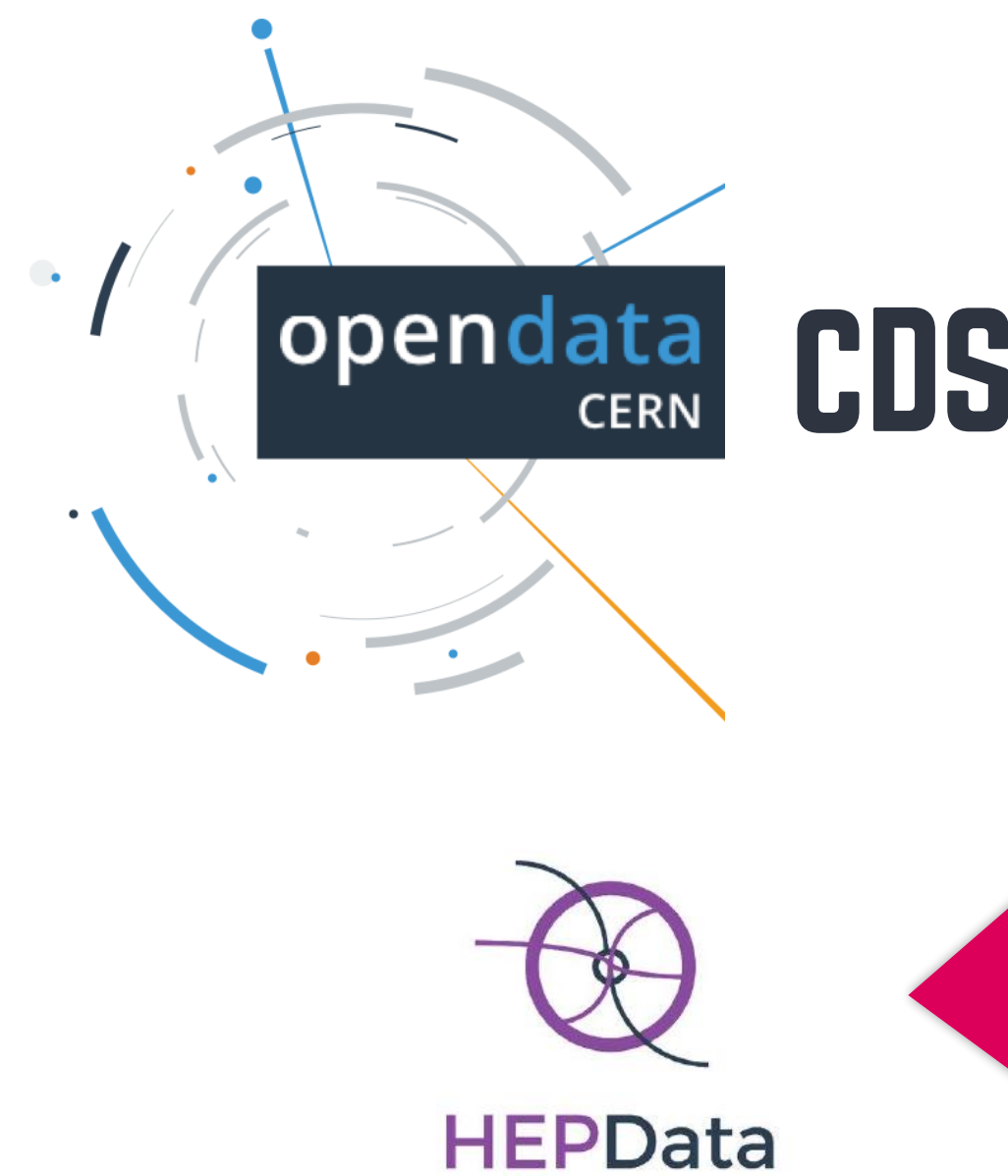
**... Interest  
Group**

**Open Source  
Programme  
Office (OSPO)**

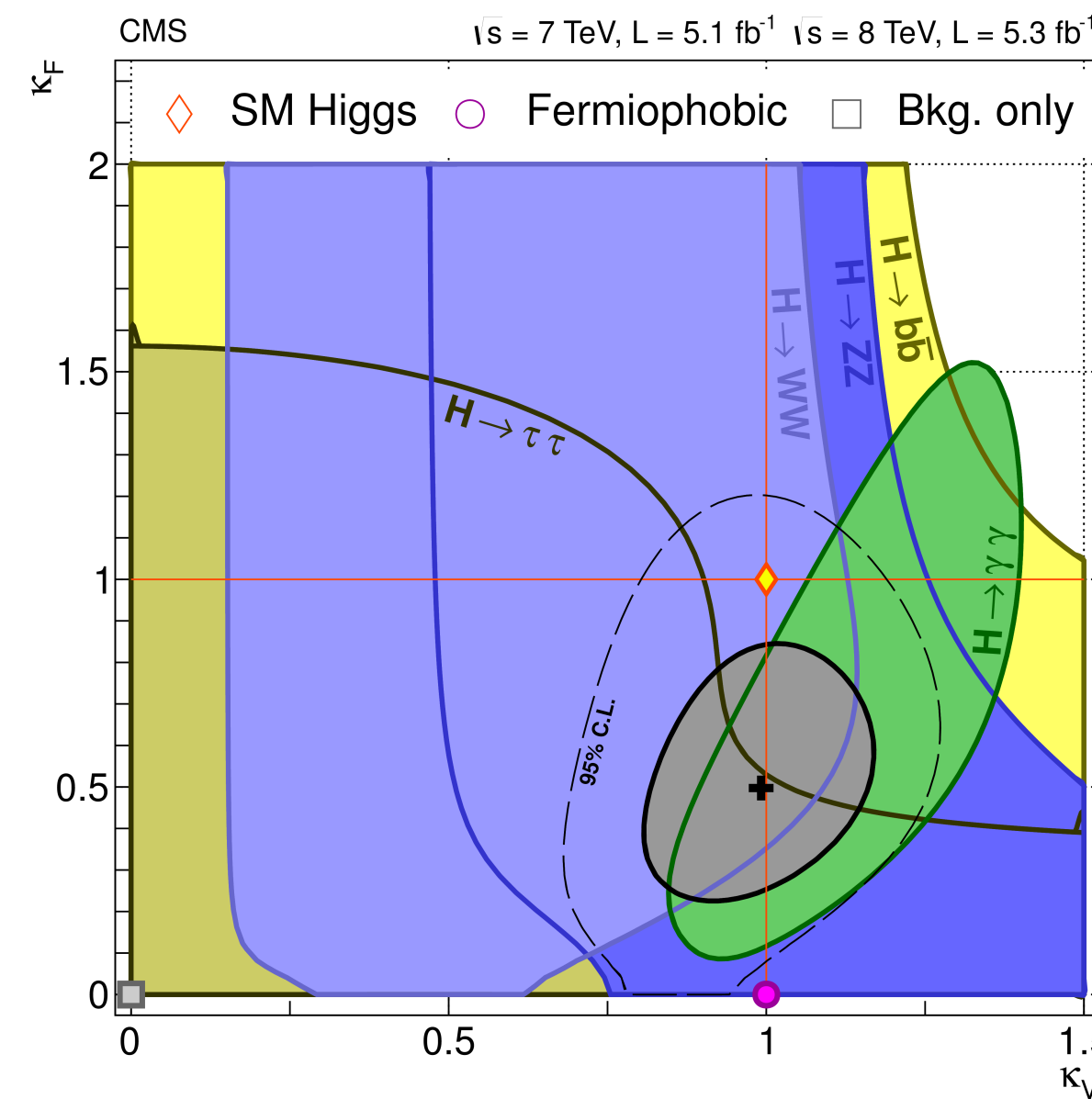
Get in touch if you have suggestions for additional interest/working groups!

# Open Science in action

The CMS Collaboration recently released the full statistical model (“set of likelihood functions”) of the measurements that contributed to establishing the **discovery of the Higgs boson** in 2012 including the required software



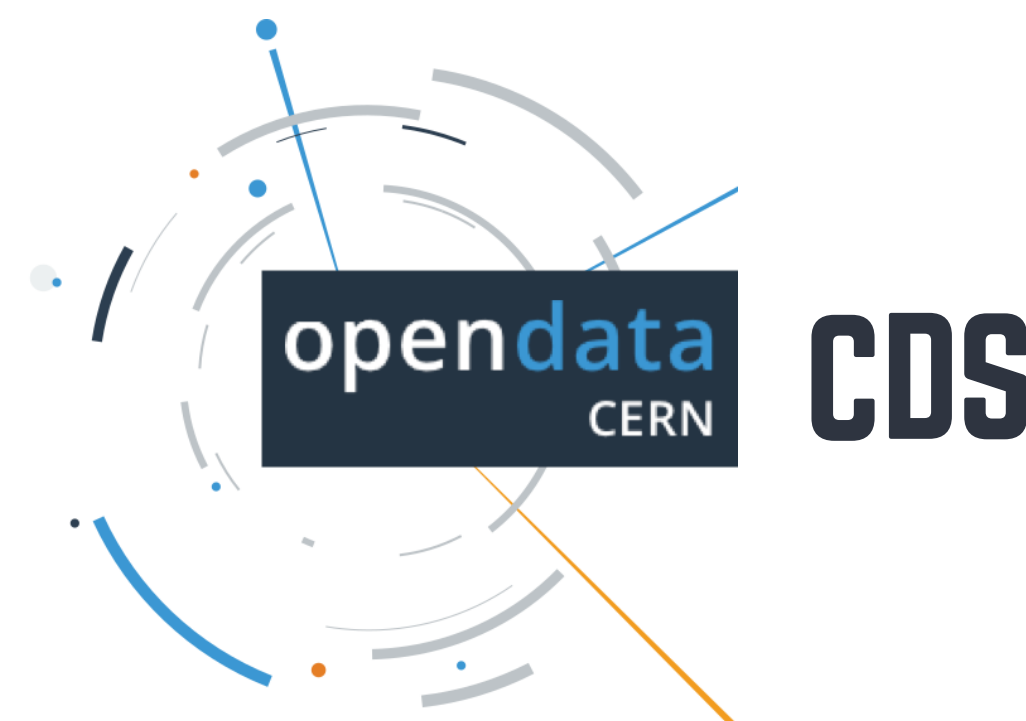
CDS



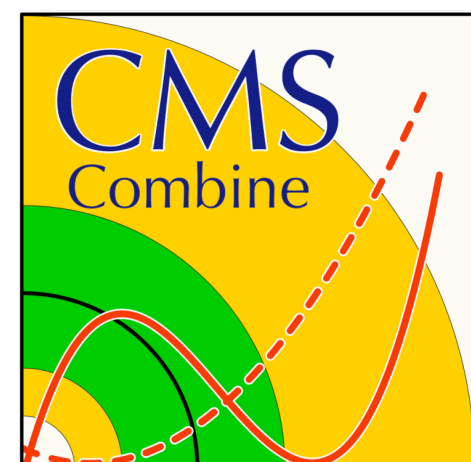
More information at <https://openscience.cern/index.php/node/435> and <https://cms.cern/news/cms-commitment-open-science-takes-next-step>

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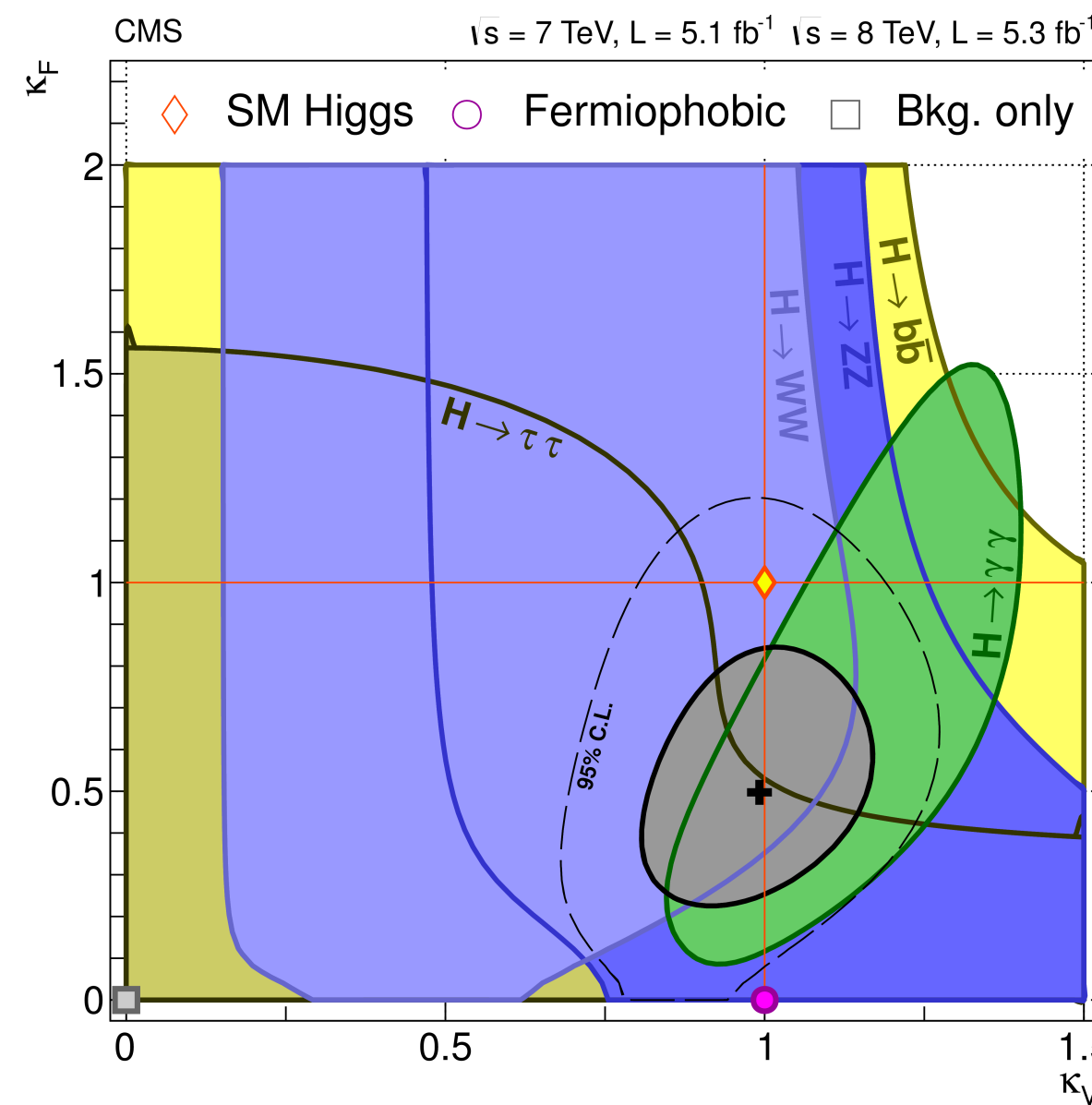


CDS



FOSS software

doi.org/10.17181/c2948-e8875



➡ Already being used outside CMS!

More information at <https://openscience.cern/index.php/node/435> and <https://cms.cern/news/cms-commitment-open-science-takes-next-step>

The OSPO is an important building stone to the overall Open Science effort at CERN



Please share your work — both software and hardware — for better collaboration, long-term effectiveness, and science!

Enjoy the event today!

More information at [openscience.cern](https://openscience.cern)

