



color
meets
flavor

Prototyping the
Innovative
Algorithm
Laboratory

Kick-off
Meeting

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"Color meets Flavor" enters the next round

Cluster initiative is in the race for Excellence funding

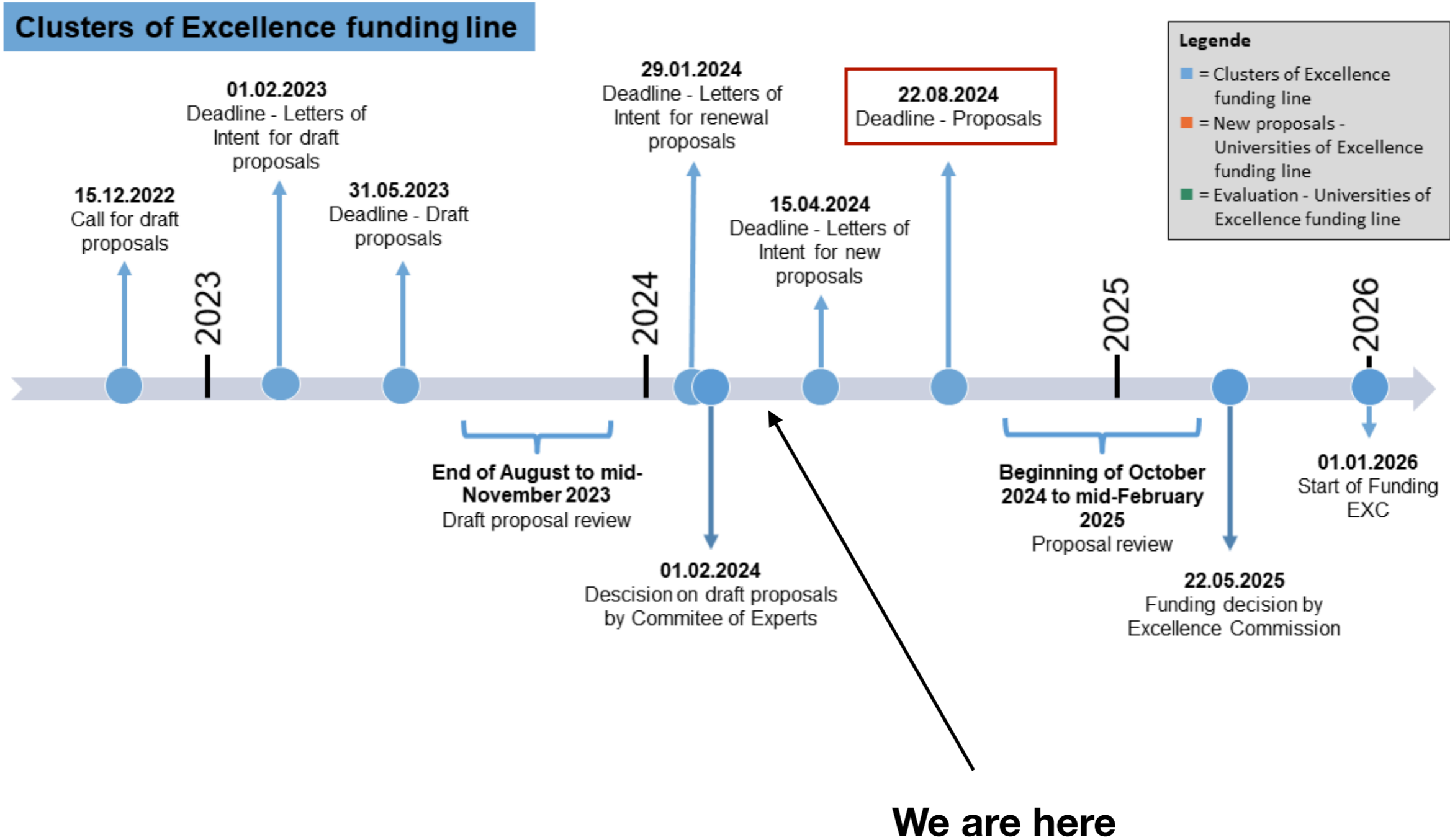
The cluster initiative "Color meets Flavor" – Search for new phenomena in strong and weak interactions was given the green light to apply for funding as part of the Excellence Initiative of the German government and federal states. The German Research Foundation and the German Council of Science and Humanities made the announcement earlier today.



Cluster is a unique chance to build new structures
between CS and physics

Part of this: idea to create new structures to **strengthen** ties

Application Process in a nutshell



We only have a **short time window** to formulate suitable projects for the application

Embedded into the cluster to strengthen our research & create multidisciplinary connections

2 Senior Lab leaders (**1 CS, 1 Physics PI**)

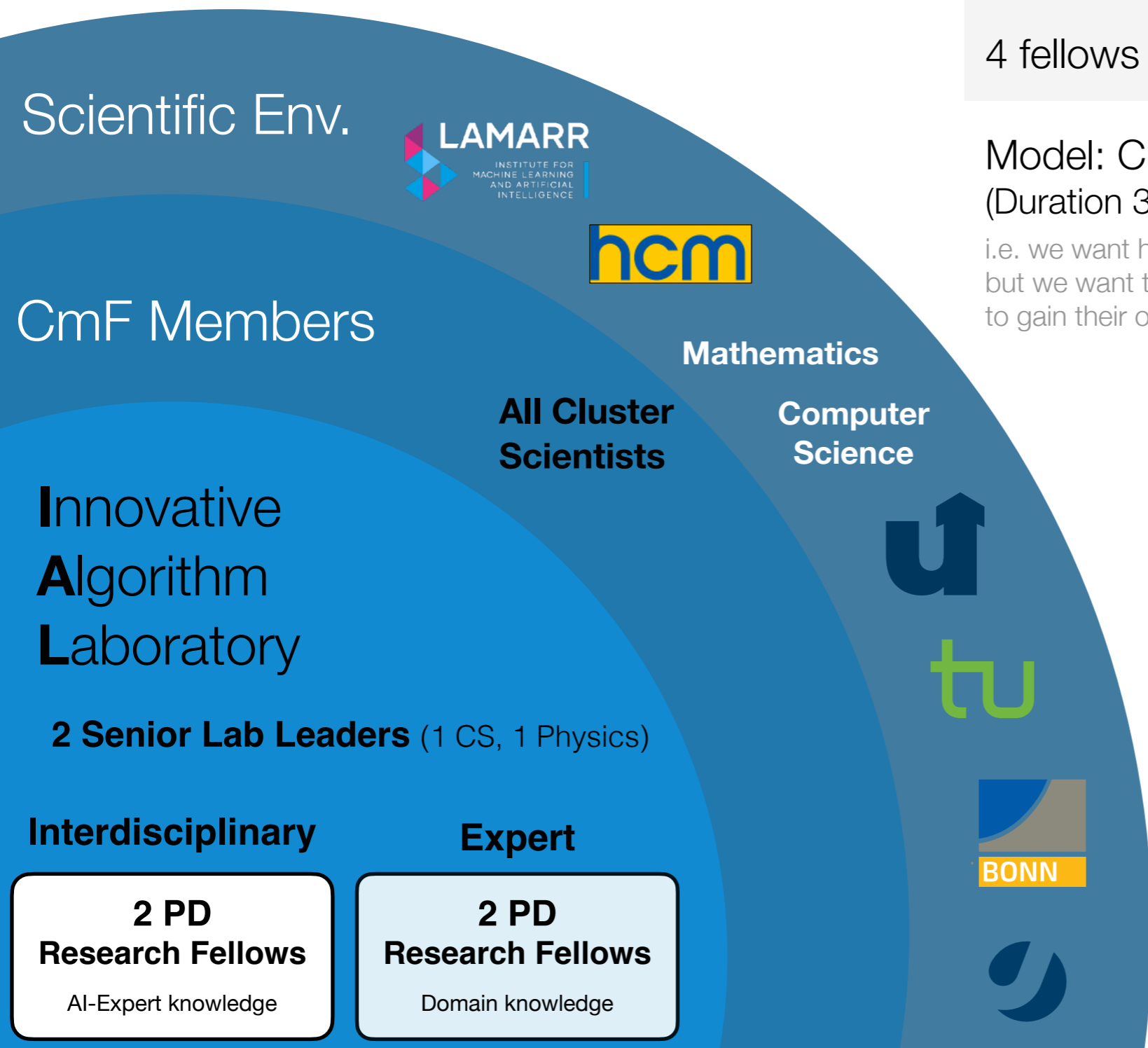
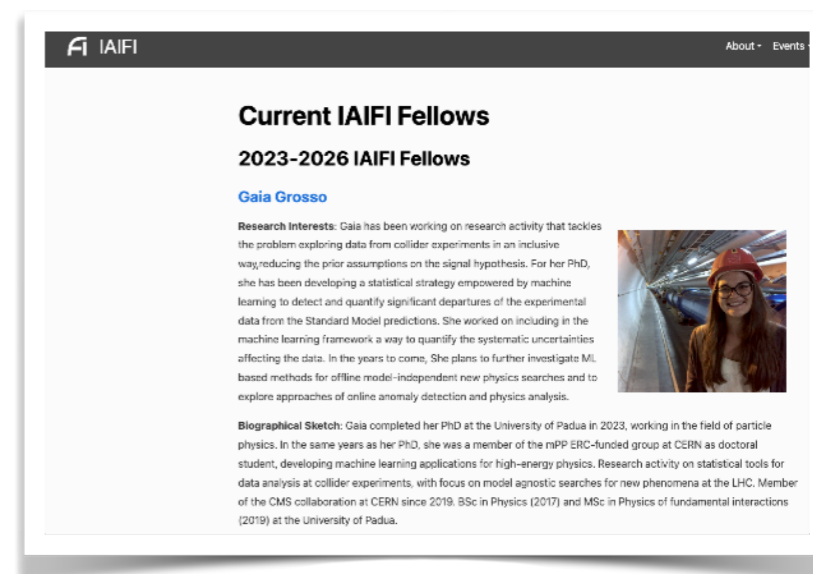
4 fellows at a given time (**2 CS, 2 Physics**)

Model: CERN / DESY or IAIFI Fellowships
(Duration 3 years)

i.e. we want hire people that are interested in areas we care about, but we want to give these fellows a chance to find their own project to gain their own visibility



2 Mentors (one from **CS**, one **Physics**)
Freedom to choose their own research direction



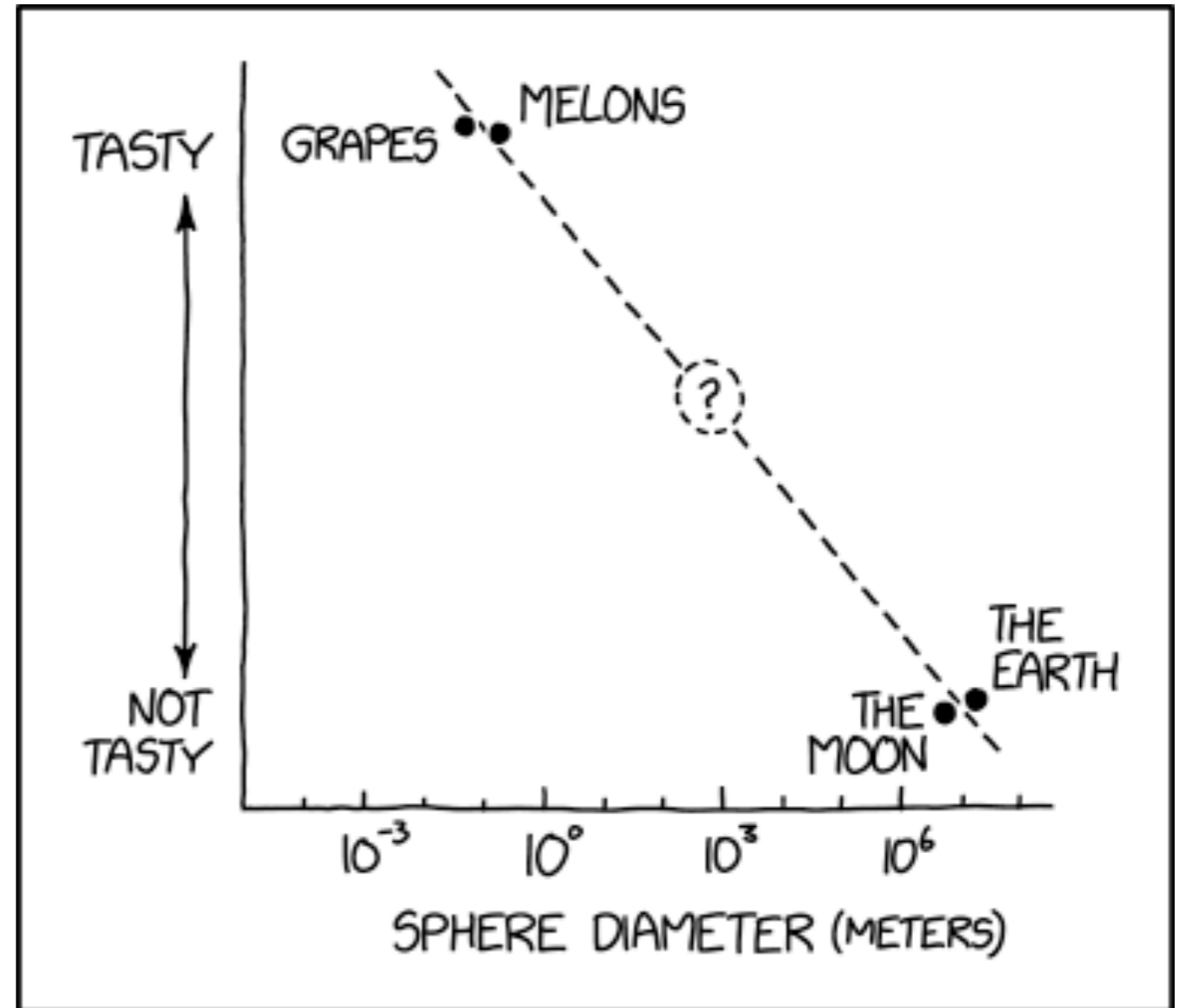
Inhibitor Projects - start where it matters

Today's workshop is about creating **new** connections

Please feel free to inject your thoughts, interrupt and ask questions at any time

Today's meeting will be **very very informal**

Let's call it a discussion among friends to find out what exciting things we can do together



MY RESEARCH SUGGESTS THE EXISTENCE OF AN 800-METER SPHERE THAT TASTES OKAY.

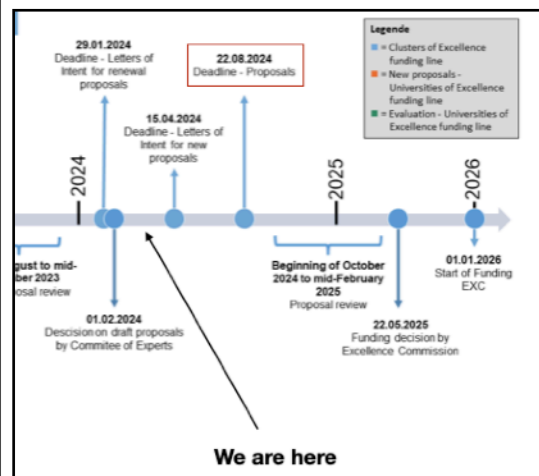
Scope :

We physicists cannot easily frame ourselves as AI innovators ; we are mostly using AI methods as a tool and apply this to our problems

Inhibitor Projects :

However, we are uniquely positioned to identify areas that are inhibiting progress in our respective fields.

Thus, instead of working on long-time high reward & high risk projects, how about we start working on a well defined set of problems, bringing together your expertise from CS and us to make progress.



In today's meeting we want to highlight some selected projects to show you what we are working on and to let you know 'wo der Schuh drückt'

Since this is just the kick-off, we also would welcome in a follow-up discussion your input on what methods you think we could apply and use