

Close out



19th Workshop of the LHC Higgs Working Group
CERN, 28th–30th November 2022

LHC Higgs WG Steering Committee



Public notes from LHC Higgs WG

Discussed and evaluated for some time the possibility of a Yellow Report 5 (YR5)

- ▶ LHC Run 3 has already started...
- ▶ But we have quite some new material, and more in the works...

⇒ community feedback is welcome ([link to a feedback form](#))

Public Notes, Official Report (Interim Recommendation/Report/Proceedings, etc.)

- See also here: [CDS list for all official notes since 2015](#)
- Please check [Instruction for front page style](#) for Public Notes and Official Reports.

LHCHXSWG Report Number	Git / SVN	CDS	arXiv	Title
LHCHXSWG-2022-002		CDS		Modeling of the single-Higgs simplified template cross-sections (STXS 1.2) for the determination of the Higgs boson trilinear self-coupling
LHCHXSWG-2022-001		CDS	arXiv:2203.02418	Off-shell Interpretations Task Force : Models and Effective Field Theories Subgroup Report
LHCHXSWG-2021-001		CDS		Benchmark Scenarios for MSSM Higgs Boson Searches at the LHC
LHCHXSWG-2019-006		CDS	arXiv:2009.01249	BSM Benchmarks for Effective Field Theories in Higgs and Electroweak Physics
LHCHXSWG-2019-005		CDS	arXiv:1910.00012	Higgs boson potential at colliders: status and perspectives
LHCHXSWG-2019-004		CDS		Constraining EFT parameters using simplified template cross sections
LHCHXSWG-2019-003	Git	CDS	arXiv:1906.02754	Simplified Template Cross Sections – Stage 1.1
LHCHXSWG-2019-002		CDS	arXiv:2005.07762	Recommended predictions for the boosted-Higgs cross section
LHCHXSWG-2019-001		CDS		Higgs boson cross sections for the high-energy and high-luminosity LHC: cross-section predictions and theoretical uncertainty projections



Mattermost

Permanent Mattermost channels:

- ▷ [WG1](#)
- ▷ [WG2](#)
- ▷ [WG3](#)
- ▷ [HH](#)
- ▷ [Cross-topic](#)

These channels will be open permanently. Please feel free to use them.



Some Impressions

HH session, complete with festive “DiHiggsmass” tree!



Image credit: Katharine Leney



Image credits:
Elizabeth. Brost



Some Impressions





Some Impressions





Some Impressions





Some Impressions



29.11.2022

Entrance to share one for every people :

Bruschetta Pugliese

Whole wheat croutons with date tomatoes, burrata pugliese, basil and red onion, celery

Suppli Romano

Rice dumpling with tomato sauce, stuffed with fior di latte

Arancini Siciliani

Rice dumplings stuffed with bolognese sauce and peas, breaded and fried

Main course with a choice of :

Pappardelle Alla Bolognese

Fresh pasta with minced beef

Calamarata Napoletana

Neapolitan pasta with squid, Pachetelle tomatoes, garlic, parsley, chilli pepper

Focaccia Burratina

Burrata stracciatella, red pachetelle tomato, basil pesto

Focaccia Bolognina

Mortadella of Bologna, Burrata Pugliese, pistachio kernels, salt and oil

Pizza Trentina

Fior di latte, shitake mushrooms, grana padano, gorgonzola, extra virgin olive oil, Trentino speck

Margherita Tomo Alalunga e Cipolla

Tomato sauce, fior di latte, basil, tuna and onions

Calzone Donna Sofia

Fior di latte, sweet salami, fresh ricotta, grana padano, black pepper

Pizza Tricolore

Pachetelle tomatoes, fior di latte, argula salad, Grana Padano shavings.

Pizza Lipari

Tomato sauce, fior di latte, cooked ham, salami, artichokes mushrooms, olives « Gaeta », Grana Padano, basil.

Pizza Stromboli

Tomato, fior di latte, peppers, choice of sweet or spicy sausage, Grana Padano, basil

Pizza Vesuvio

Fior di latte, Friarielli alla napoletana, choice of sweet or spicy sausage, Grana Padano cheese

Pizza Vegetale

Fior di latte, smoked provola, red pachetelle tomatoes, courgettes, aubergines, peppers, shitake mushrooms, oregano

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Dessert with a choice of :

Tiramisu

Choose between our traditional Tiramisu or our Pistachio Tiramisu.

CheeseCake

Choose from our cheese cakes, with strawberry sauce, chocolate sauce or pistachio cream.

Drinks :

One Drink To Choose Per Person :

Among Those Listed

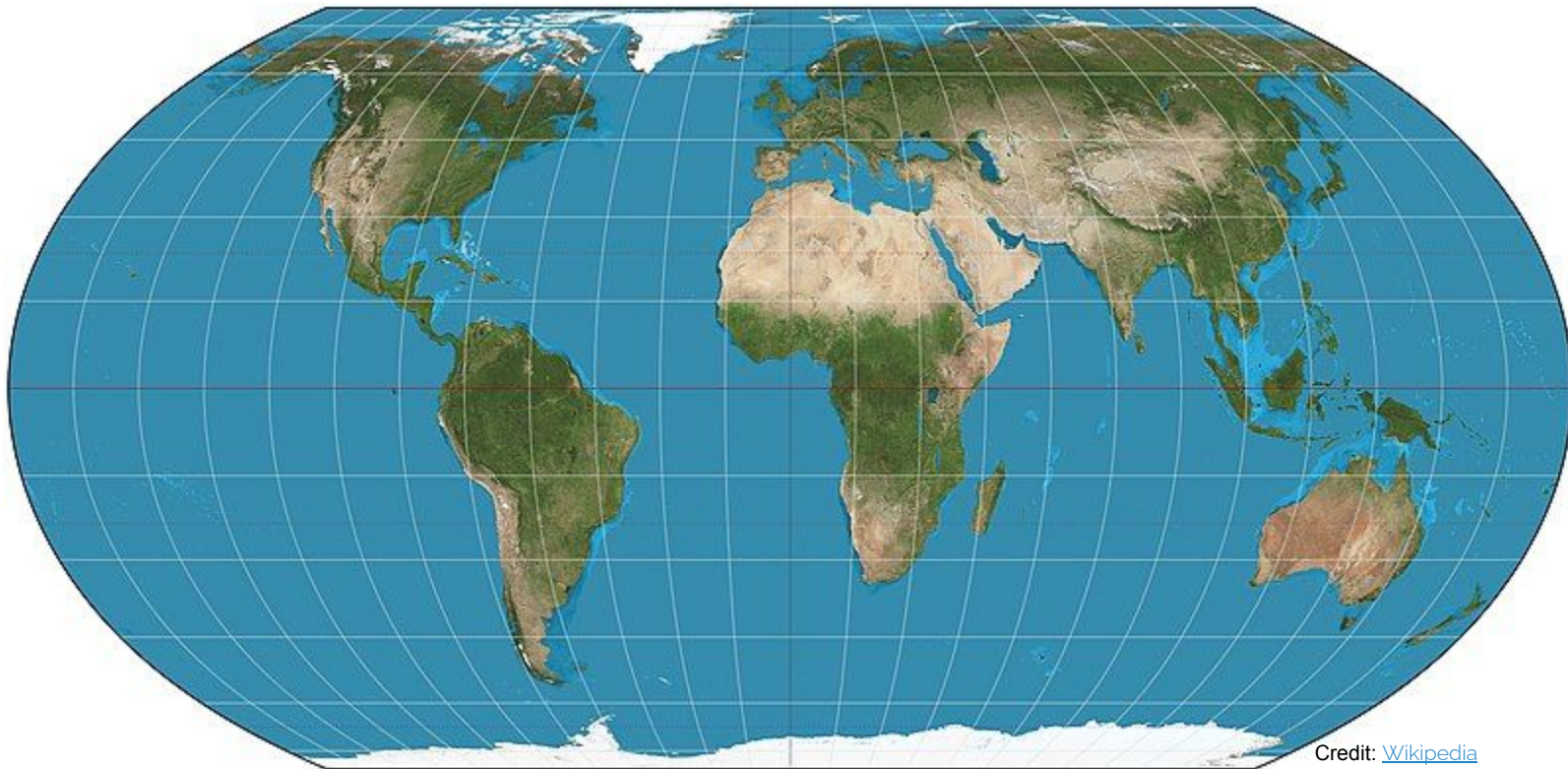
Red Wine = Barbera Altes 100% Barbera

White Wine = Noname Vermentino Vermentino 98% Viogner 2%

Beer (White, Blond, Unfiltered Red)



20th LHC Higgs WG Workshop



Credit: [Wikipedia](#)
[equal earth projection](#)



See you around...

Thanks a lot for a great workshop, once again (partially) in person!

Have a good trip back (or a relaxed click on the “Leave” button in zoom 😊)



Credit: [SBB](#)

Back Up