



W2D2Memo 0

25 October 2022

Hello everyone,

I am sorry this took so long to get to you! We were making last minute adjustments due to a meaningful technical improvement: we are now able to offer true  $PHI$  and  $THETA$  measurements. And that is what we are doing this year.

**If you have not done so yet, you are invited to join World Wide Data Day (W2D2)**, which will be held this year all day UTC on Thursday 10 November 2022 – a little over two weeks away. W2D2 is a chance for high school students to make a simple but meaningful analysis of data from the LHC. It is designed to be compact in time, taking about 2 hours from beginning to end, and can be done completely from your school. It concludes with a videoconference with physicist moderators and other students from just about anywhere in the world. While the data analysis can be done any time before going live online, all videoconferences are on the same day: World Wide Data Day.

Once you register, you will get a series of memos like this with news, hints, and help until W2D2-2022 is over.

Here is what we have today:

- **Join up!** World Wide Data Day is all about students and teachers! We need your analysis and your participation to make W2D2 work...and it will benefit the students. How to join? Keep reading...
- **Time to register!** Please go to the registration page at <https://quarknet.org/content/register-w2d2>. This is the BIG first step. Registrations close a week from tomorrow at 23:59 UTC on Wednesday 2nd November.
- **Visit the website!** Go to <https://quarknet.org/content/world-wide-data-day> (long url) or <http://tiny.cc/w2d2> (short url).
- **Tweet it!** Use #physicsimc.
- **Be assured!** We offer plenty of support and you do not need a physicist in your classroom to make the measurements. And W2D2 is friendly to remote learning, so if your students are online, you and they can still participate!
- **Want to hear from you!** Send your questions and comments!

More of these W2D2 Memos will come to help guide you and your students to World Wide Data Day. This and all the Memos will be posted on the website.

All the best,

Ken