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For immediate release

World Wide Data Day is coming.

One big day: 20 November 2025.

One big particle accelerator: Large Hadron Collider at CERN near Geneva, Switzerland.

Cutting-edge physics: Actual proton collisions in two giant particle detectors.

Data analysts: Teachers and students at high schools around the world.

These are the ingredients of the data analysis and videoconferences of World Wide Data Day 2025. Students will search for particles called muons that result from proton collisions and measure angles at which they careen from the collision point. All the results will be pooled worldwide to understand the massive detectors used and probe the nature of those collisions. Students who are part of the investigation will join videoconferences with physicists to discuss what they have learned. World Wide Data Day 2025 is an activity of International Masterclasses, QuarkNet, and the International Particle Physics Outreach Group that helps to bring particle physics to high school students and teachers through authentic data investigations.

Learn more:

- World Wide Data Day, <https://quarknet.org/content/world-wide-data-day>
- International Masterclasses, <https://ippog.org/imc-international-masterclasses>
- QuarkNet, <https://quarknet.org>
- International Particle Physics Outreach Group, <http://ippog.org/>

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