



2 releases

26 activities

1 place

# ATLAS Open Data for Education

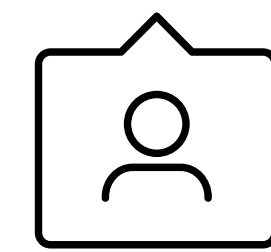
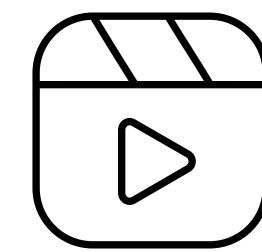
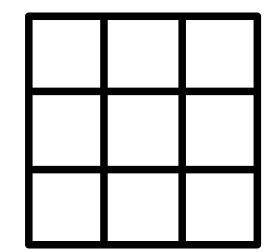
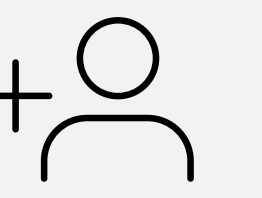

## Bringing TeV Collisions to the World

[opendata.atlas.cern](https://opendata.atlas.cern)

Following

Message

Email

**ATLAS experiment**  
**@CERN**  
Open data from 8 TeV and 13 TeV collisions!



**Why open data?**  
~ Promotes science and increases awareness  
~ Introduces people to particle physics  
~ Builds trust in science

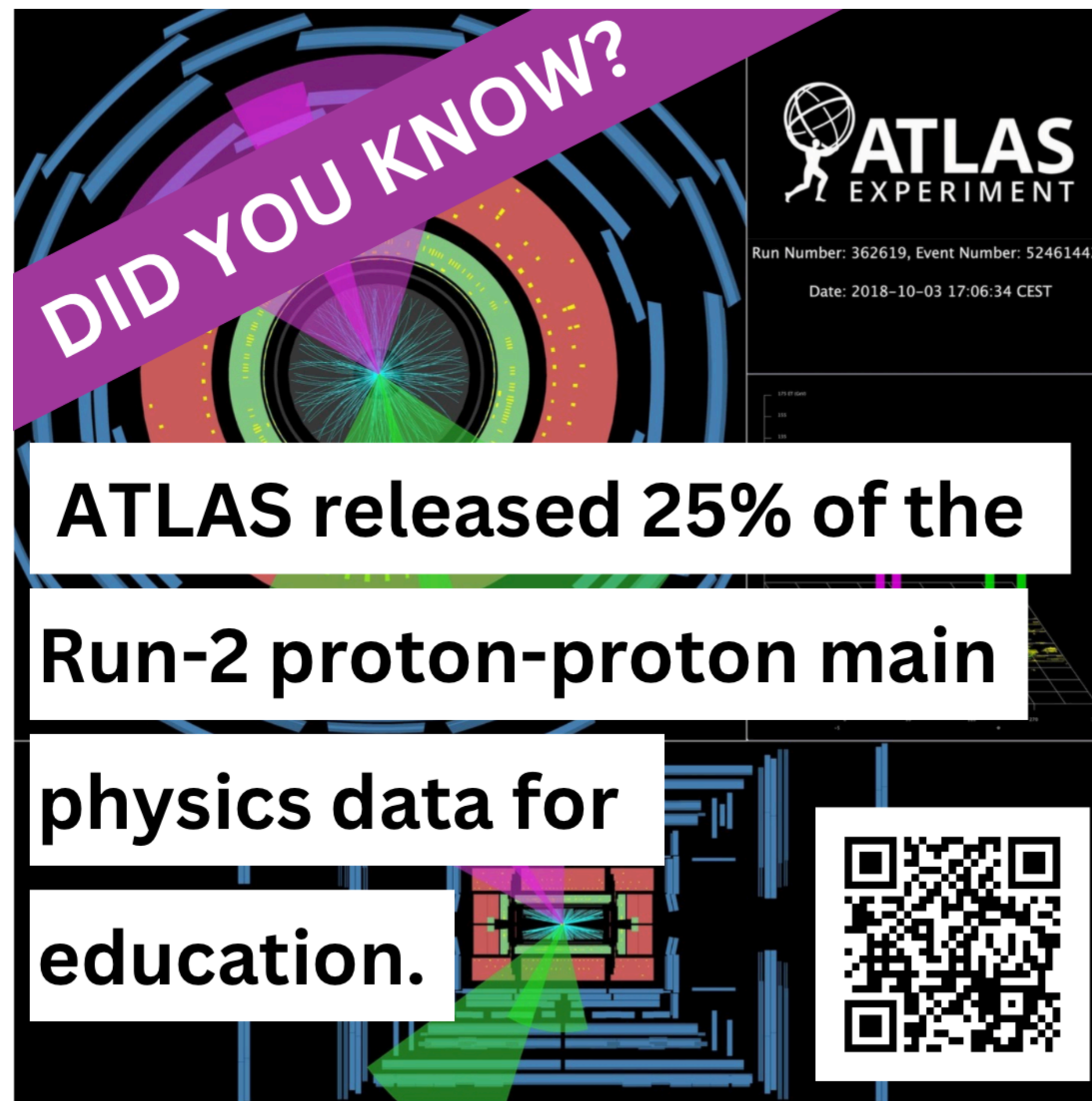


**Demystifying science**  
**Inspiring next generation!**




**Dive into our material**

- Extensive documentation.
- Analyses in jupyter notebooks.
- Interactive analysis tool.



**DID YOU KNOW?**  
**ATLAS released 25% of the Run-2 proton-proton main physics data for education.**



**Hand on exercises!**  
**Explore HEP from home**

How to rediscover the Higgs boson yourself!

1. live code  
2. visualisations  
3. narrative text

Direct hands-on experience available via online histogram analyser



**Used in schools, universities and workshops.**



**How to use the data**

SCAN ME



**NEW DATASETS!** **SOON** **36fb<sup>-1</sup>**  
**NEW RELEASE FOR EDUCATION!**

