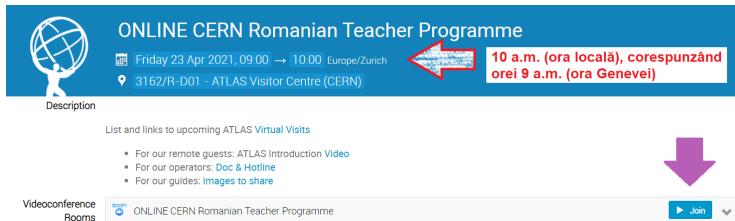


# ATLAS: Tur virtual

- Prezentările/Relatarile vor fi facute si in limba romana, si in limba engleza
- Pagina web oficiala se gaseste [aici](#)
- Pagina indico se gaseste [aici](#)
  - Ideal, urmariti o scurta introducere a experimentului ATLAS [aici](#) (9 minute)
- ZOOM link pe [pagina indico](#) dedicata acestui tur virtual!



The screenshot shows a Zoom meeting page for the 'ONLINE CERN Romanian Teacher Programme'. The header is blue and contains a globe icon, the meeting title, the date and time 'Friday 23 Apr 2021, 09:00 → 10:00 Europe/Zurich', and the location '3162/R-D01 - ATLAS Visitor Centre (CERN)'. A red arrow points from the location text to a white box containing the text '10 a.m. (ora locală), corespunzând orei 9 a.m. (ora Genevei)'. Below the header, there is a 'Description' section with the text 'List and links to upcoming ATLAS Virtual Visits' and three bullet points: 'For our remote guests: ATLAS Introduction Video', 'For our operators: Doc & Hotline', and 'For our guides: images to share'. A purple arrow points down from this section to the 'Videconferențe Rooms' section, which shows a single room named 'ONLINE CERN Romanian Teacher Programme' with a 'Join' button.

**ONLINE CERN Romanian Teacher Programme**

Friday 23 Apr 2021, 09:00 → 10:00 Europe/Zurich

3162/R-D01 - ATLAS Visitor Centre (CERN)

**10 a.m. (ora locală), corespunzând orei 9 a.m. (ora Genevei)**

Description

List and links to upcoming ATLAS Virtual Visits

- For our remote guests: [ATLAS Introduction Video](#)
- For our operators: [Doc & Hotline](#)
- For our guides: [images to share](#)

Videconferențe Rooms

ONLINE CERN Romanian Teacher Programme [Join](#)

# Propuneri pentru dvs & elevi

- Daca doriti sa rezervati o vizita pentru dvs & elevii dvs:
  - [ATLAS/virtual-visit](#) (from home page)
  - [CMS/virtual-visit](#) (from home page)
  
- Cateva inregistrari video (in limba engleza) pe care le puteti viziona cu elevii dvs:
  - **ATLAS** [360° tour: ATLAS Experiment - Inside CERN's largest detector!](#) (with particle physicist Dr. Sascha Mehlhase, **recomand 100%**)
    - Learn more: <http://atlas.cern>
    - Twitter: <https://twitter.com/ATLASexperiment>
    - Facebook: <https://facebook.com/ATLASexperiment>
    - Instagram: <https://instagram.com/ATLASexperiment>
  
  - **CMS**: [CERN VR - Discover the LHC and CMS in 360](#)
  
  - **ALICE**: [360° from the ALICE Experiment at CERN](#)

# ATLAS

- Detectorul ATLAS (A Toroidal LHC ApparatuS):

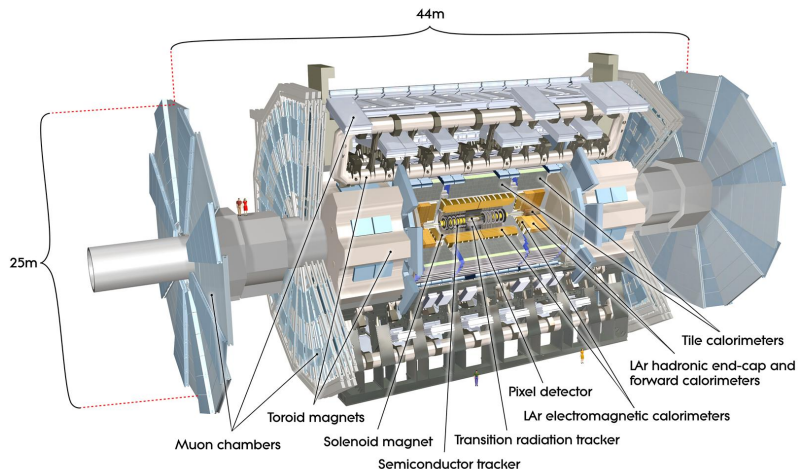
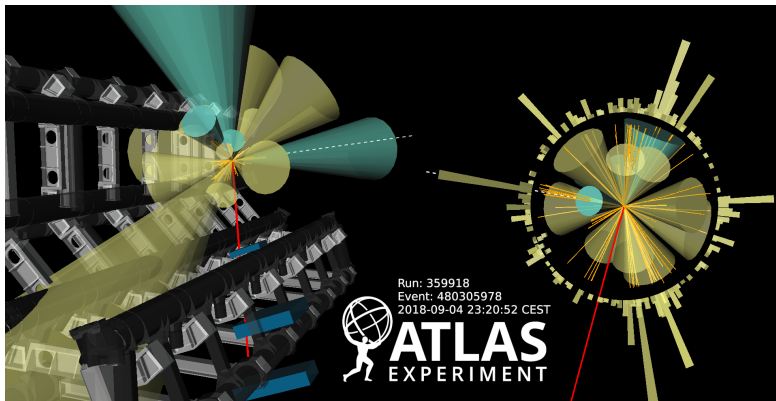


Foto luata de aici: [opendata.atlas.cern](https://opendata.atlas.cern)

# ATLAS – event display 1

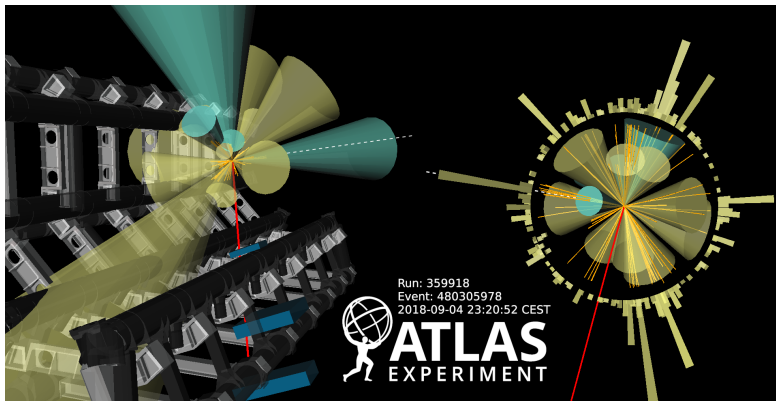
- “Display of an event containing **one muon** and multiple jets. The signal muon is indicated by the red line, and has  $p_T = 53$  GeV. There are **15 jets in this event, with  $p_T$  from 21 GeV to 182 GeV**. Among these jets, **4 are b-jets**, which are shown with a cyan cone and have  $p_T$  from 29 GeV to 137 GeV. The  $E_T^{\text{miss}}$  has a value of 67 GeV and is indicated by the dotted white line.”



Event display & descriere luata de aici: [ATLAS-CONF-2021-007](#)

# ATLAS – event display 2

- “Display of an event from the higgsino signal region, containing a muon and electron with same electric charge, and 6 jets. The signal muon is indicated by the red line, and has  $p_T = 35$  GeV. The signal electron is indicated by the blue line, and has  $p_T = 61$  GeV. There are 6 jets in this event, with  $p_T$  from 41 GeV to 145 GeV. Among these jets, 4 are b-jets, which are shown with a cyan cone. The  $E_T^{\text{miss}}$  has a value of 31 GeV and is indicated by the dotted white line.”



Event display & descriere luate de aici: [ATLAS-CONF-2021-007](https://atlas.conf.cern.ch/2021/007)