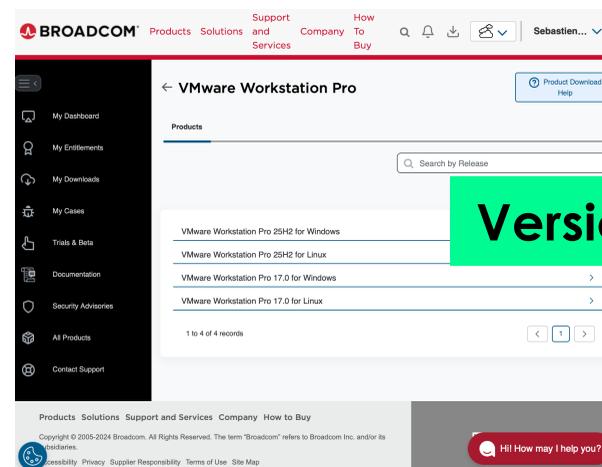
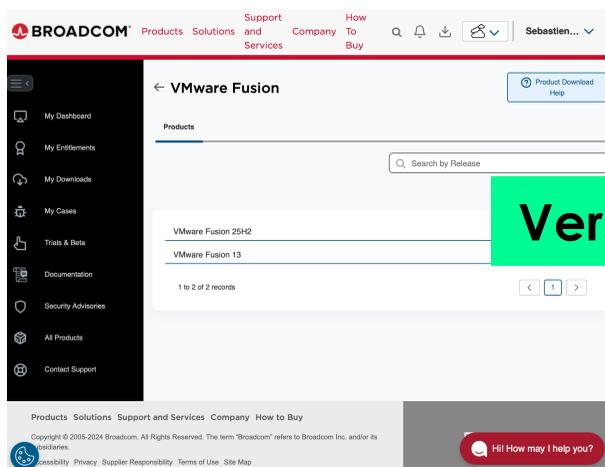


Step 1: install VMware Fusion or Workstation

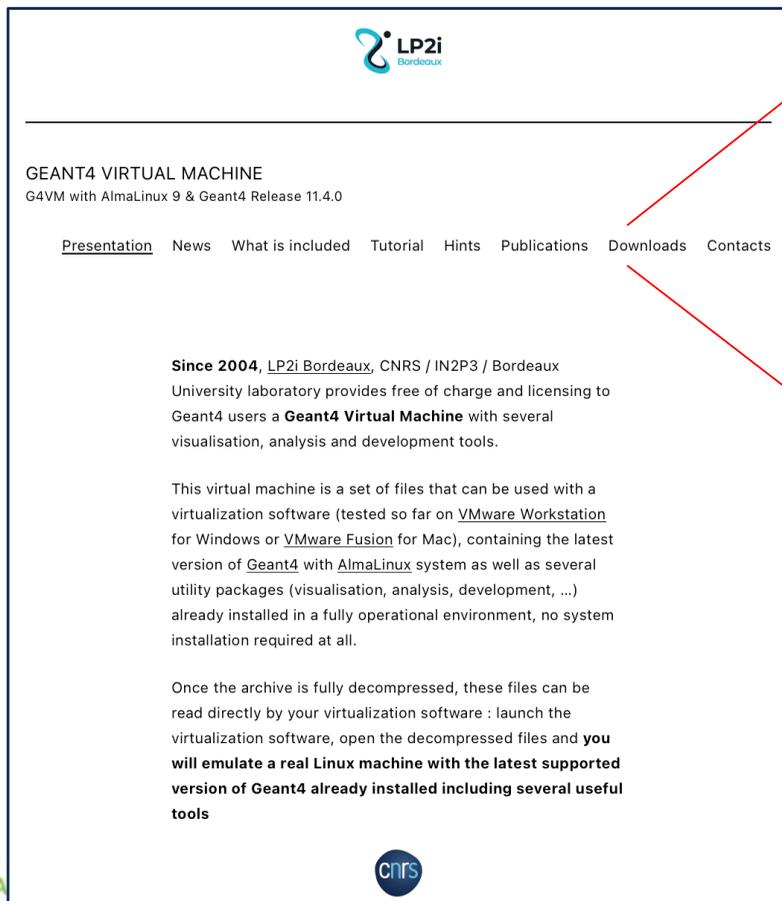
- Download virtualization software from <https://www.vmware.com>
 - **Products** → **SEE DESKTOP HYPERVISORS** → **DOWNLOAD NOW**
 - **Fusion** is for **macOS**, **Workstation** is for **Windows & Linux**
 - Redirected to Broadcom : **register...** (First Name, Last Name, E-mail, Institution...)
 - Go to **My Downloads** (left hand side menu)
 - Click on **Free Software Downloads available HERE**
 - Search **Fusion** for **macOS** or **Workstation Pro** for **Windows or Linux**
 - Select **VMware Fusion 25H2u1** for **macOS** or **VMware Workstation Pro 25H2u1** for **Windows or Linux**
 - Download and install
 - Even if you already have an existing working version of WMware (it will be upgraded automatically)



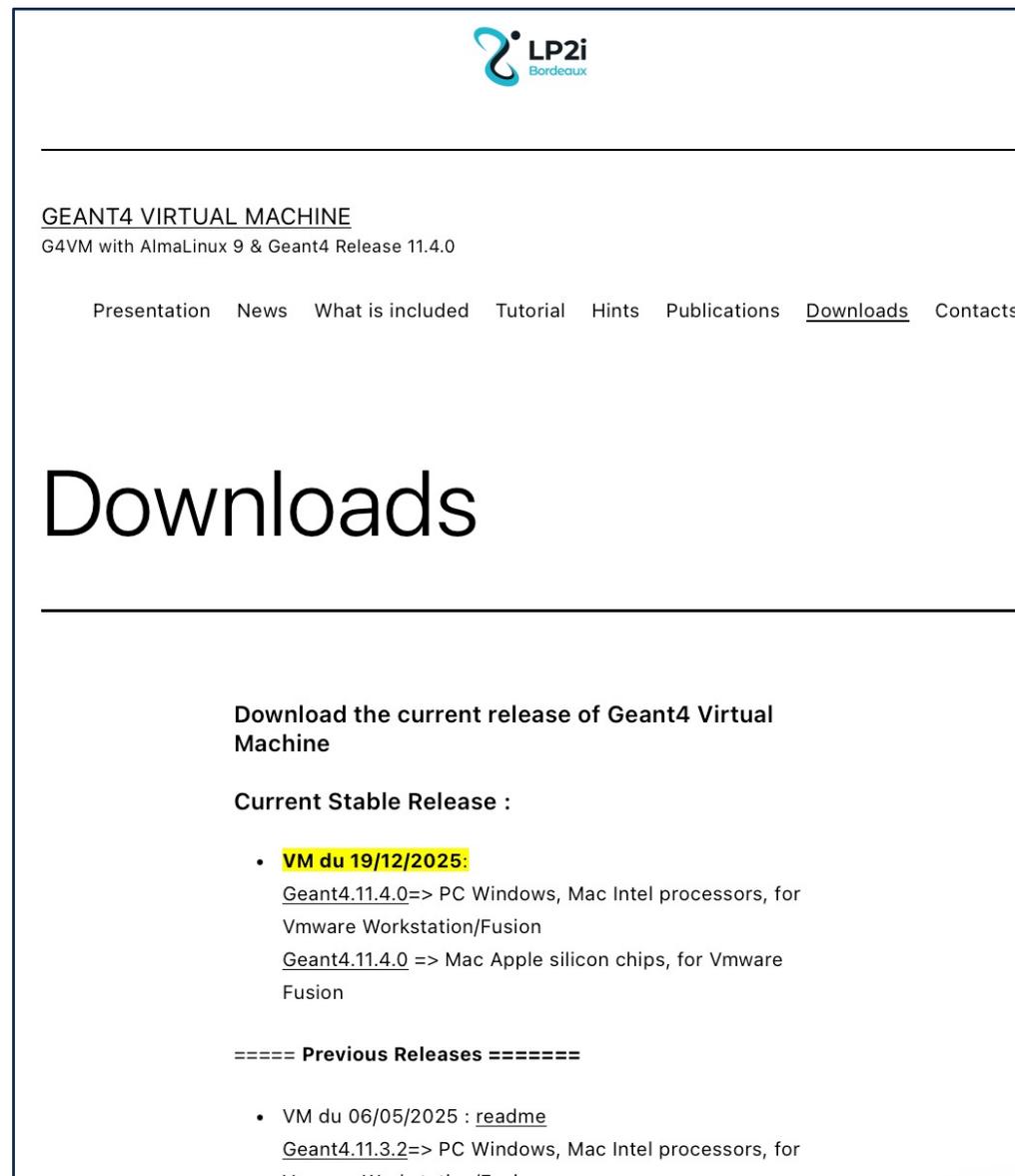
Chat if needed (after registration)

Step 2: download the virtual machine

- Go to <https://geant4.lp2ib.in2p3.fr>
 - Go to **Downloads** section
 - Select the virtual machine you need
 - **Geant4 11.4.0**
 - A few 20 Go to download...
 - You may also check the [README](#) file



The screenshot shows the homepage of the Geant4 website. At the top is the LP2i Bordeaux logo. Below it, the text reads "GEANT4 VIRTUAL MACHINE" and "G4VM with AlmaLinux 9 & Geant4 Release 11.4.0". A navigation menu includes "Presentation", "News", "What is included", "Tutorial", "Hints", "Publications", "Downloads", and "Contacts". The "Downloads" link is highlighted with a red arrow. The main content area contains a paragraph starting with "Since 2004, LP2i Bordeaux, CNRS / IN2P3 / Bordeaux University laboratory provides free of charge and licensing to Geant4 users a Geant4 Virtual Machine with several visualisation, analysis and development tools." Below this is another paragraph explaining that the virtual machine is a set of files for use with virtualization software like VMware Workstation or Fusion, containing the latest version of Geant4 with AlmaLinux and utility packages. A final paragraph states that once decompressed, the files can be read directly by the virtualization software to emulate a real Linux machine with the latest supported version of Geant4 already installed.



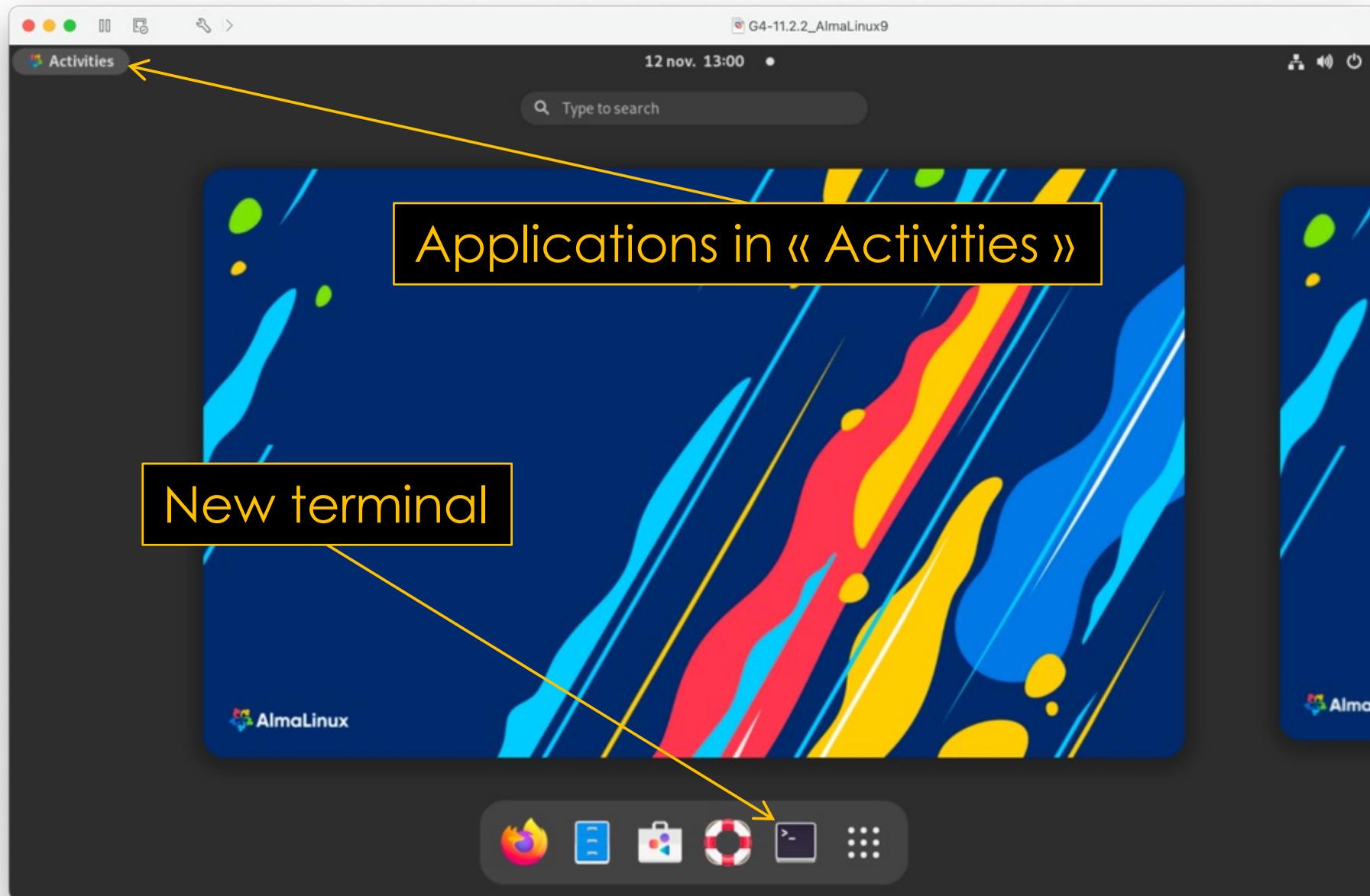
The screenshot shows the "Downloads" page on the Geant4 website. It features the LP2i Bordeaux logo at the top. The page title is "GEANT4 VIRTUAL MACHINE" with the subtitle "G4VM with AlmaLinux 9 & Geant4 Release 11.4.0". A navigation menu is present, with "Downloads" highlighted. The main heading is "Downloads". Below this, there is a section titled "Download the current release of Geant4 Virtual Machine" and "Current Stable Release :". A list of releases is shown, with the most recent one highlighted: "VM du 19/12/2025: Geant4.11.4.0=> PC Windows, Mac Intel processors, for Vmware Workstation/Fusion" and "Geant4.11.4.0 => Mac Apple silicon chips, for Vmware Fusion". Below this is a section for "Previous Releases" with a separator line "==== Previous Releases =====". The first previous release listed is "VM du 06/05/2025 : readme Geant4.11.3.2=> PC Windows, Mac Intel processors, for Vmware Workstation/Fusion".

Step 3: uncompress the virtual machine

- Start VMware Fusion or VMware Workstation Pro
- Uncompress the downloaded archive and open the ***vmwarevm** file (Mac) or the ***.vmx** file (Windows)
- The virtual machine will start
- You may customize the VM properties according to your PC/Mac
 - e.g. amount of memory to allocate, number of processors...
- **Important**
 - Read carefully the following [README](#) file containing information about requirements and how to proceed.
 - If asked, declare that the virtual machine **has been copied** (and not moved).
 - On **Windows**, you may uncompress your archive using the [7-Zip](#) application, freely available.
 - **Windows** users may need to check that virtualization has been activated in the BIOS.
 - The total compressed file size is about 20 Go and reaches 30 Go when fully decompressed.

Your virtual machine

Your local account *username* and *password* are
local1
local1



If Internet is not working (Fusion, v. 25H2)

- In a terminal, type
 - **nmcli device**
 - Look at the device name which is disconnected (e.g., **enp2s0**)
 - **nmcli connection show**
 - Look at the device name that is connected to ethernet (e.g., **ens160**)
 - **sudo nmcli connection delete ens160**
 - Enter: local1
 - **sudo nmcli connection add type ethernet ifname enp2s0 con-name enp2s0 ipv4.method auto ipv6.method auto**
 - **nmcli connection up enp2s0**
- Try internet again (e.g., firefox)

```
g4vm:/local1 < 63 > nmcli device
DEVICE  TYPE      STATE      CONNECTION
lo      loopback  connected (externally) lo
enp2s0  ethernet  disconnected --

This is your network device name.
g4vm:/local1 < 87 > nmcli connection up enp2s0
Error: unknown connection 'enp2s0'.
g4vm:/local1 < 88 > nmcli connection show
NAME    UUID                                TYPE      DEVICE
lo      a36a4b2f-f1ac-4dd4-8335-d15dfa929ac6 loopback  lo
ens160  7f871b38-1f33-39cb-bab8-4eda0a5ac240 ethernet  --

If you don't have the same device name here.
Please try following commands!

g4vm:/local1 < 100 > sudo nmcli connection delete ens160
Connection 'ens160' (7f871b38-1f33-39cb-bab8-4eda0a5ac240) successfully deleted.
g4vm:/local1 < 101 > sudo nmcli connection add type ethernet ifname enp2s0 con-name enp2s0 ipv4.method auto ipv6.method auto
Connection 'enp2s0' (0f5bb16d-2e3b-4cc9-b68e-67a7f23c8b21) successfully added.
g4vm:/local1 < 102 > nmcli connection up enp2s0
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/3)
g4vm:/local1 < 103 >
g4vm:/local1 < 103 > ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=111 time=10.6 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=111 time=14.7 ms
```

Thanks to D. Sakata & C. Sez nec