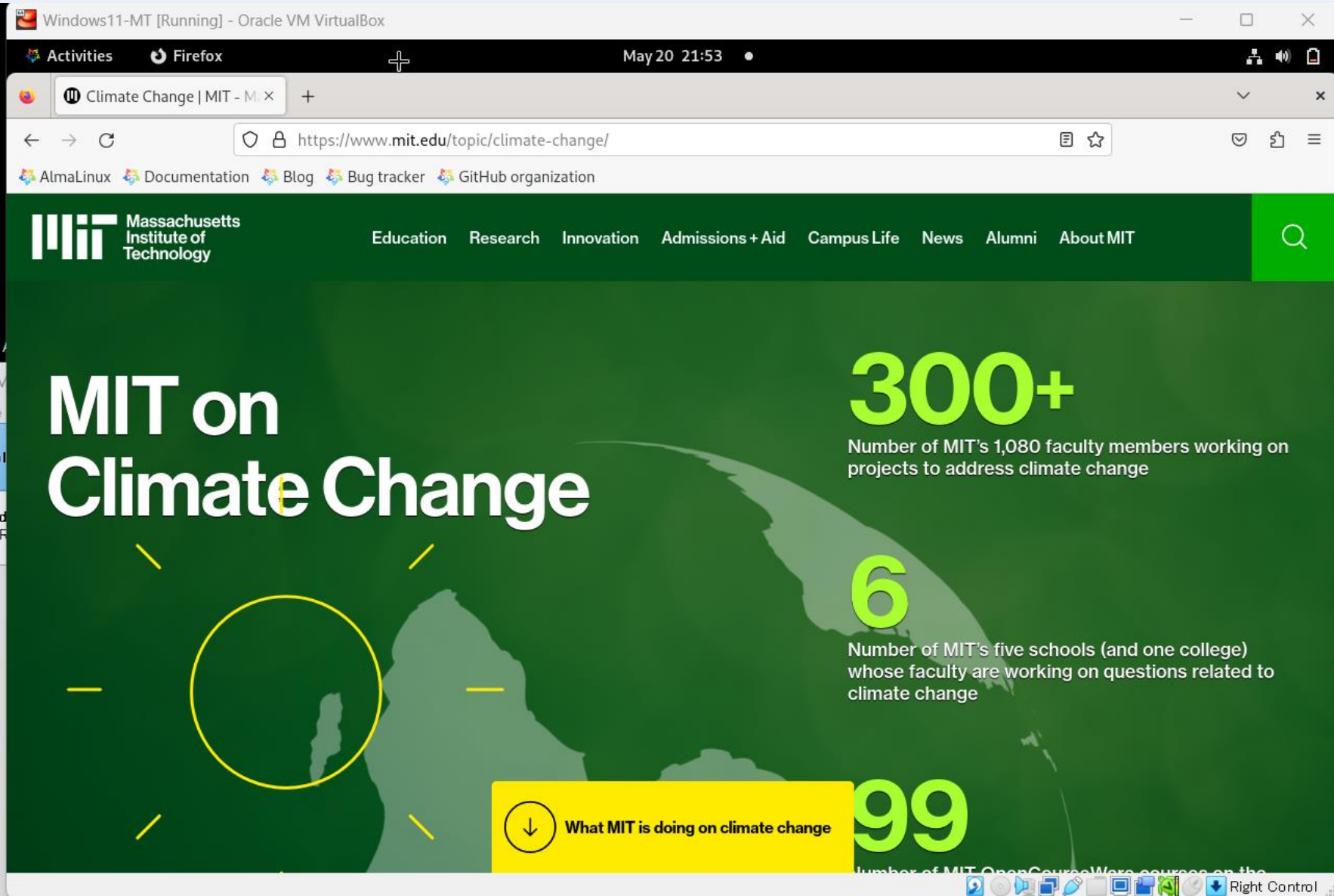


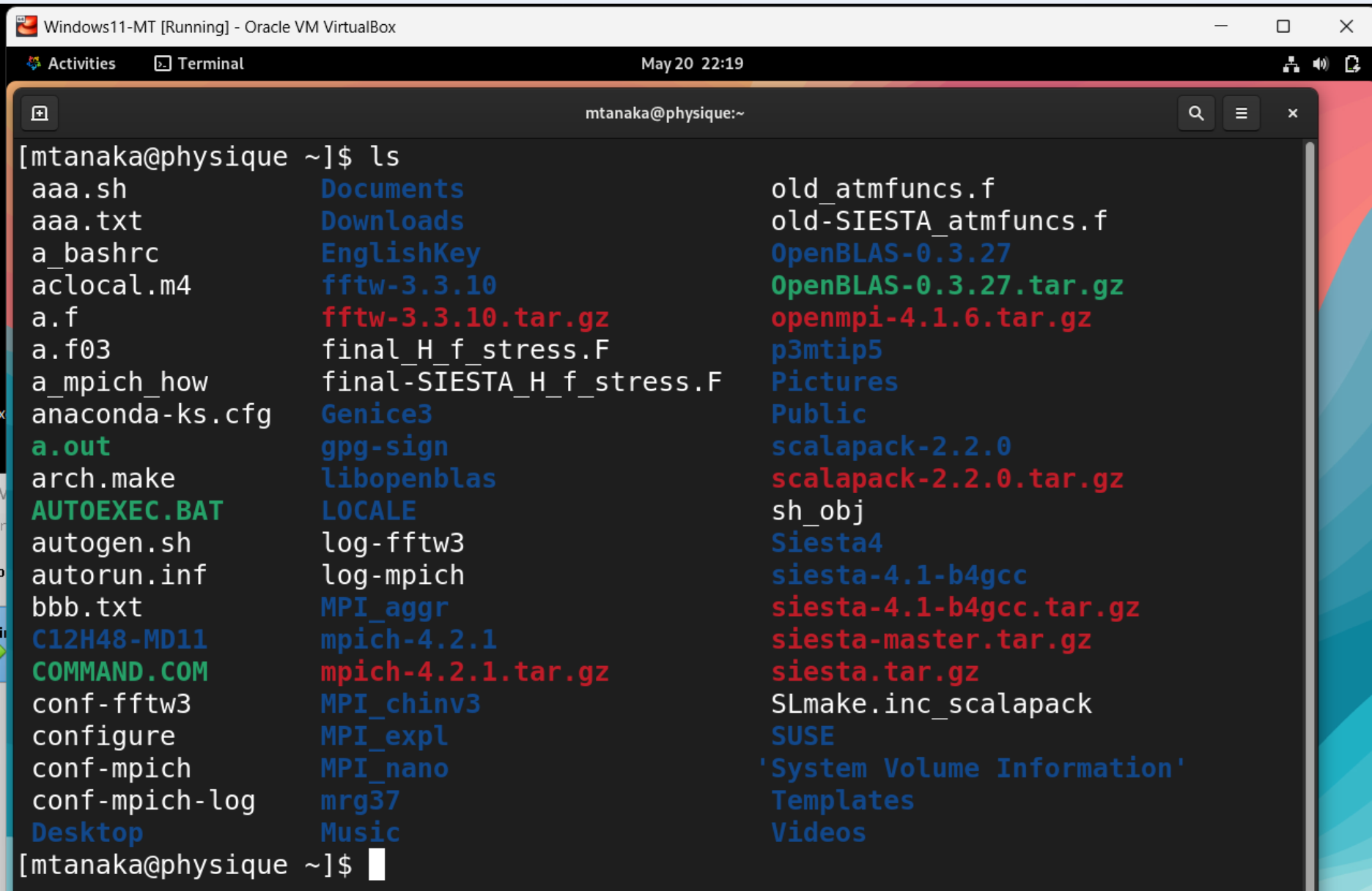
# *Tests of AlmaLinux-9*

*Motohiko Tanaka, PhD, Japan*

# *Firefox works for showing AlmaLinux and MIT*



## *Terminal showing fftw-3, mpich-4 and Siesta-4.1*



```
Windows11-MT [Running] - Oracle VM VirtualBox
Activities Terminal May 20 22:19
mtanaka@physique:~
[mtanaka@physique ~]$ ls
aaa.sh Documents old_atmfuncs.f
aaa.txt Downloads old-SIESTA_atmfuncs.f
a_bashrc EnglishKey OpenBLAS-0.3.27
aclocal.m4 fftw-3.3.10 OpenBLAS-0.3.27.tar.gz
a.f fftw-3.3.10.tar.gz openmpi-4.1.6.tar.gz
a.f03 final_H_f_stress.F p3mtip5
a_mpich_how final-SIESTA_H_f_stress.F Pictures
anaconda-ks.cfg Genice3 Public
a.out gpg-sign scalapack-2.2.0
arch.make libopenblas scalapack-2.2.0.tar.gz
AUTOEXEC.BAT LOCALE sh_obj
autogen.sh log-fftw3 Siesta4
autorun.inf log-mpich siesta-4.1-b4gcc
bbb.txt MPI_aggr siesta-4.1-b4gcc.tar.gz
C12H48-MD11 mpich-4.2.1 siesta-master.tar.gz
COMMAND.COM mpich-4.2.1.tar.gz siesta.tar.gz
conf-fftw3 MPI_chinv3 SLmake.inc_scalapack
configure MPI_expl SUSE
conf-mpich MPI_nano 'System Volume Information'
conf-mpich-log mrg37 Templates
Desktop Music Videos
[mtanaka@physique ~]$
```

## *Test of Siesta-4.1b on AlmaLinux-9*

```
Siesta Version   : v4.1-b4
Architecture     : gfortran-MPI
Compiler version: GNU Fortran (GCC) 11.4.1 20231218 (Red Hat 11.4.1-3)
Compiler flags   : mpifort -O2 -fPIC -ftree-vectorize -march=native -fallow-argument-mismatch
PP flags         : -DMPI -DFC_HAVE_ABORT
Libraries        : -lgomp -L/opt/openblas/lib -lopenblas -L/opt/scalapack/lib -lscalapack
PARALLEL version

* Running on 6 nodes in parallel
>> Start of run:  19-MAY-2024   9:47:54

*****
*   WELCOME TO SIESTA   *
*****
```

*The word -fallow-argument-mismatch is added to arch.make of AlmaLinux-9 for avoiding not-needed errors.*