REMEMBER

- every time you start a lab session you might need to run:

  > source .login

- you can easily run out of space in your home directory, so please start working on the /scratch directory, where you can create your own folders. If you need help moving your things to that directory, let us know.

- keep in mind that after you start working on /scratch you will need to always use the same computer. You can look for the yellow sticker in the CPU to find the unit number:

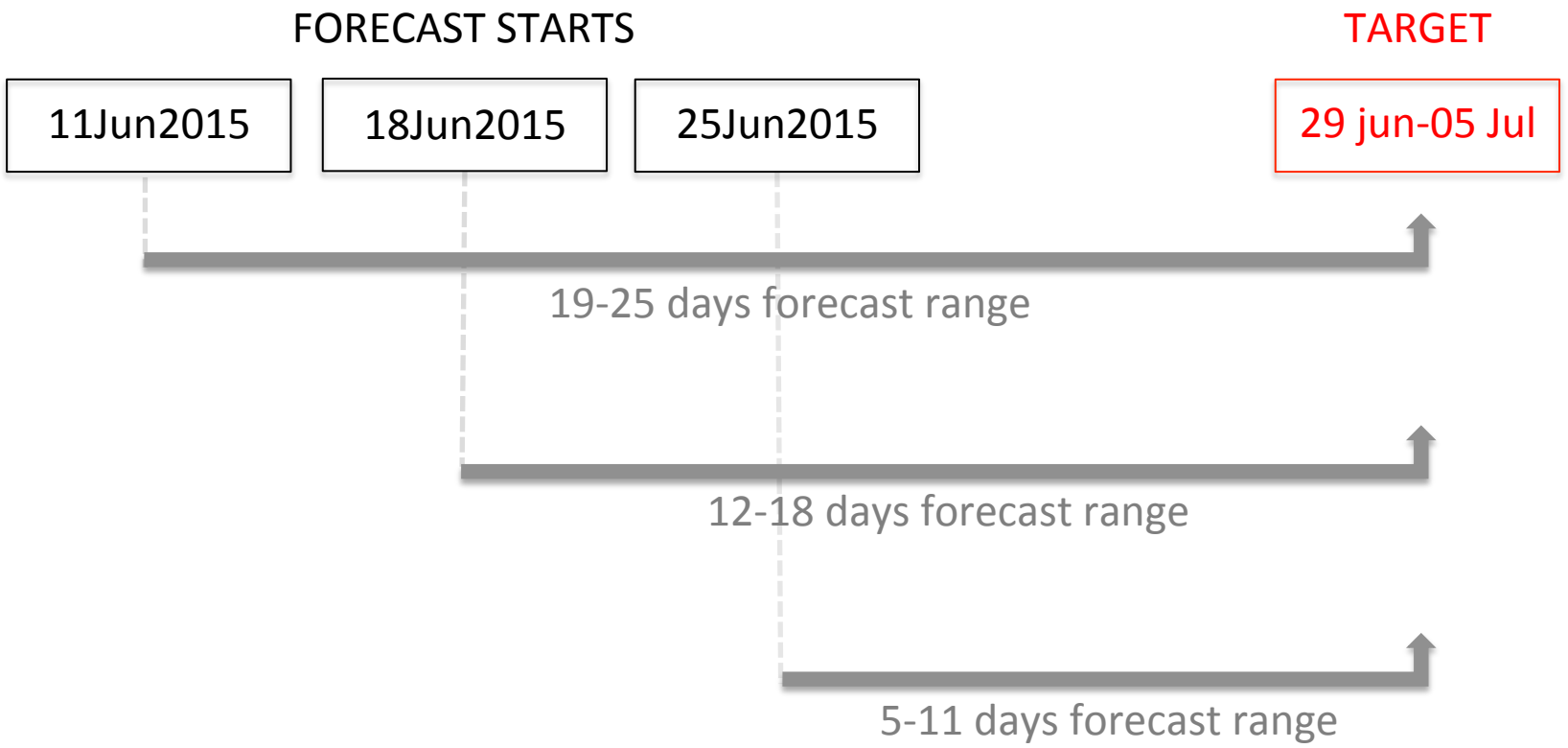
  hp83-inf-#

EXAMPLE 1:
verification of the t2m anomalies forecasts for 29Jun-05Jul 2015

- Forecast starts: 11Jun2015, 18Jun2015, 25Jun2015
- **Step 1**: retrieve ECMWF forecast data for 11Jun2015 start using the S2S Data portal (Nov 24th)
- **Step 2**: retrieve all the ECMWF forecast data from the class website (ECMWF_t2m_example_files.zip) and convert them to .nc using the script script_convert_example_files.py
- **Step 3**: retrieve the ERA Interim analysis for 29Jun2015-05Jul2015 using the python webapi script obtained from the MARS request in the Data portal (or script_retrieval_ERAI_verification.py)
- **Step 4**: retrieve the ERA interim analysis from 29Jun-05Jul for the climatological period (1999:2010) using the scrip script_retrieval_ERAI_climatology.py

WHAT ARE WE TRYING TO DO?

verification of the t2m anomalies forecasts for 29Jun-05Jul 2015



HOW DO WE DO THAT?

verification of the t2m anomalies forecasts for 29Jun-05Jul 2015

FORECAST STARTS

11Jun2015

TARGET

29 jun-05 Jul

ECMWF forecasts
25Jun-5Jul 2015

FORECAST

ECMWF reforecasts
25Jun-5Jul
1999-2010

MODEL'S
CLIMATOLOGY

FORECASTED
ANOMALIES
MAP

HOW DO WE DO THAT?

verification of the t2m anomalies forecasts for 29Jun-05Jul 2015

FORECAST STARTS

29 Jun-05 Jul

TARGET

29 jun-05 Jul

'REAL' ANOMALIES MAP

ANALYSIS

ERA Interim analysis 25Jun-5Jul 2015

CLIMATOLOGY

ERA Interim analysis 25Jun-5Jul 1999-2010

WHAT DO WE GET?

verification of the t2m anomalies forecasts for 29Jun-05Jul 2015