



# Welcome

## ALMA Data Reduction Training Day



EUROPEAN ARC

ALMA Regional Centre || Allegro

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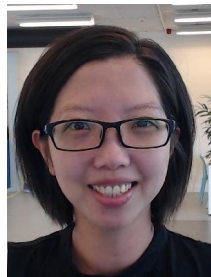
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# Who we are + programme



**Aida Ahmadi**



**Monica Huang**



**Alex Hygate**



**Violette Impellizzeri**

9:15 - 9:30	<i>Welcome</i>	
9:30 - 10:15	Aida Ahmadi	<i>ALMA data: From the archive to calibrated visibilities</i>
10:15 - 10:45	Violette Impellizzeri	<i>Overview for Calibration and Self-calibration</i>
10:45 - 11:05	Coffee break + technical setup	
11:05 - 11:15	Aida Ahmadi	<i>Introduction to CASA + Technical setup</i>
11:15 - 12:15	Monica Huang	<i>Imaging &amp; tclean</i>
12:15 - 13:15	Lunch break	
13:15 - 14:00	Monica Huang	<i>Imaging &amp; tclean</i>
14:00 - 14:30	Coffee break	
14:30 - 15:30	Alex Hygate	<i>Analysis Tools</i>
15:30 - 16:30	Aida Ahmadi	Intro to CARTA

\* Note that this is a rough schedule as we plan to dedicate plenty of time for questions for each session.



# Computer etiquette

- We are all sharing Allegro computing facilities – please help us to keep the experience smooth!
- Use the “nice” command to prevent taking up all the CPU power for example for CASA
  - **In (ba)sh shell:** `> nice -n 10 env -u PYTHONPATH -u LD_LIBRARY_PATH casapy-660`
  - **In (t)osh shell:** `> nice +10 env -u PYTHONPATH -u LD_LIBRARY_PATH casapy-660`
- Be mindful of disc space, please remove intermediate files that you no longer need



# Allegro services

- 1-1 support in person or remotely via Zoom, Skype, etc.
- Computing and data storage facilities
- Support via shared VNC session - so we can work together on your issue
- Assistance with all stages of proposing for, reducing and analysing ALMA data
- Assistance with all stages of ALMA archival research



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# What can we help with?

- 1) Is ALMA right for my project?
- 2) How do I propose for ALMA?
- 3) How to I find and download data from the ALMA archive?
- 4) How do I calibrate and image my data?
- 5) Where can I store and process my ALMA data?
- 6) How do I use CASA?
- 7) How do I analyse my data?



Photo by Simone Secci on Unsplash



Contact us at  
[alma@strw.leidenuniv.nl](mailto:alma@strw.leidenuniv.nl)

Or talk to us here!



Let's get started

If you are stuck or have a question, raise your hand and one of us will come and help you