

Day 1 Timeslot	What	Who
8:30-9:00	Welcome and Logistics	
9:00-9:30	Overview of ALMA State of the telescope, how this manifests in the data (e.g., SPW/baseband, antenna types, WVR, etc.), note evolution going to Cycle 1.	Al W
9:30-10:30	Basics of Interferometry Reduction Overview all calibration steps. Link to the observing sequence for actual ALMA sets.	Scott S
10:30-11:00	COFFEE	
11:00-11:30	What's in an ALMA Data Set When You Get It Measurement Set, Tsys tables, antenna position tables, WVR tables, ASDM?	Crystal B
11:30-12:30	A Crash Course in CASA Syntax / interface, overview of key tasks for reduction.	Amy K
12:30-1:30	LUNCH	
1:30-3:30	Hands on Calibration Two tiered: Novice and Advanced. Both aimed at simple CLEAN/dirty images. Novice: Quasar monitoring data? (new skeletal CASAguide?) Advanced: something holding common calibration issues (TW Hydra? Lines).	6-8 Staff Material/Intro:
3:30-4:00	Colloquium Tea	
4:00-5:00	Colloquium: Calzetti	
5:30-6:00	Reconvene for Q&A Related on Hands On Session	

Day 2 Timeslot	What	Who
8:30-10:00	Imaging ALMA Data Brief overview of u-v coverage considerations, dirty beam, standard imaging considerations (weighting, mosaicking, dealing with snapshots).	Remy I
10:00-10:30	COFFEE	
10:30-12:30	Hands on Imaging Pick up from previous day but also have all SV data (plus more?) ready to go for each participant to allow as wide a range as possible of experimenting.	6-8 staff Material/Intro:
12:30-1:30	LUNCH	
1:30-2:30	Self-Calibration Introduction, discussion of application to ALMA data (when, how).	Ed F
2:30-4:30	Hands-On Self Calibration As before, have a suite of prepared MS+images ready for users to pick up in addition to the data that they have already shepherded through.	6-8 staff Material/Intro:

People

⇒ **Gone:** Mark Lacy (vacation), Kartik Sheth (Chile), Robin Pulliam (leave)

⇒ **Unavailable:** Nuria Marcelino (could help with hands-on but avoid big assignment)

⇒ **Available:** Crystal Brogan, Ed Fomalont, Rachel Friesen (hands-on only), Amy Kimball, Adam Leroy, Carol Lonsdale, Scott Schnee, Kim Scott (hands-on prep and hands-on help, calib. preferred), Al Wootten

⇒ **Check:** Jim Braatz, Aaron Evans, John Hibbard, Todd Hunter, Harvey Liszt, Nuria Marcelino, Tony Remijan

⇒ **Pending:** Remy Indebetouw

⇒ **Hands-on Help:** Jared Crossley and Andy Hale? Or out-of-scope?

⇒ **Anyone out of town:** Socorro (Sanjay/Urvashi), elsewhere? Probably not needed.

Open Questions/Notes

- Assign people to the hands on session. May need a short meeting on this.
- Do we want/need to generate new data sets or are the SV+EVLA data OK? (remember the “non-guided” SV data)
- CASAguides for all topics
- Ask people to prepare their own slides then plan a dry run a week beforehand, work out overlaps/gaps/homogeneity then?
- Do we want to address more advanced topics. Relevant ones are single-dish combination, multifrequency synthesis, and multi-scale clean. At a minimum, we can mention these in the imaging discussion. More? Bring out Sanjay or Urvashi to present Fri. afternoon (seems crowded)?
- Do we think it works to hand them a bunch of starting cases for imaging, self-cal, etc. if they have not done the calibration? I think this is probably okay. At least for imaging it's analogous to the pipeline case.

Material Generation Plan (Proposed)

Idea is that these groups will (1) collect data sets into one place suitable for copying, (2) generate working scripts that map a successful route to reduction, (3) make sure that adequate CASAguide-type documentation is in place for the tutorial, (4) test the scripts or guides to make sure they work.

Day 1 – Calibration (2 sets: Quasars + TW Hydra Band 3?)

Kartik S

Kim S

Jonathan K

Mark L or Tony R?

Jared C

Day 2 - Imaging (Initial Sets + Antennae Mosaic(s) + ??? want 3-4 more for good range of imaging... meet?)

Adam L

Rachel F?

Jim B

Aaron E

John H

Andy H