

Plan for Mini Tutorial+Workshop for COMPRES Community Software Toolkit Development

Proposers: S.-H. Dan Shim, Cayman Unterborn (ASU), Przemyslaw Dera, Bin Chen (Univ. Hawaii), and Christopher McGuire (UCLA)

Date: July 9, 2017

Location: Bear B

Schedule

Time	Topics	Speakers or Instructors
7:00am	Breakfast	
7:30am	Workshop check-in	
8:00-8:10am	Welcome remark and introduction	Shim
8:10-8:40am	Introduction to Burnman	Unterborn
8:40-9:10am	Introduction to Melt or Enki	Ghiorso
9:10-9:30am	Introduction to Pytheos	Shim
9:30-10:00am	Coffee break	
10:00-10:40am	Computer setup – Linux virtual machine with anaconda installed with pytheos and burnman	Shim, Chen, Unterborn
10:40-11:50am	Quick introduction to python (numpy, scipy, and matplotlib) and Jupyter notebook	Shim, Chen
12:00-1:00pm	Lunch	
1:00-2:00pm	Burnman tutorial	Unterborn
2:00-2:30pm	Coffee break	
2:30-3:30pm	ENKI tutorial	Ghiorso
3:30-4:30pm	Pytheos tutorial (all in Jupyter notebook)	Shim, Chen
4:30-5:00pm	Discussion on future directions for mineral physics toolkit development	Ghiorso, Shim, Unterborn

- Check-in for the annual meeting begins at 4pm
- Welcome reception for the annual meeting begins at 4:30pm