Cloud Academy School and Workshop Program

	Sunday (9/23)	Monday (9/24)	Tuesday (9/25)	Wednesday (9/26)	Thursday (9/27)	Friday (9/28)
7:30-8:30		**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**
9:00-10:15	School buildings closed	Welcome + Lightning talks (3 minutes each): Alam,Baker, Carrion, Feng, Lee, Manev, Milar-Blanchaer, Rackham, Steinrueck, Trees	**Marley:** RT and Chemistry Models and Clouds in BDs and Imaged Exopl.	**Meadows:** Clouds, Habitability, and Biosignatures	**Irwin:** Clouds in Jupiter and Saturn and Retrieval of Cloud Properties	**Jaeger:** Laboratory studies of condensation
		Mai (Contributed talk, 10+5 mins)			**Loftus** (Contributed talk, 10+5 mins)	**Hartwick, Kitzman** (Contributed talks, each 10+5 mins)
10:15-10:45		**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**
10:45-12:00	School buildings closed	Posters	**Marley:** Activity	**Meadows:** Activity	**Iro:** Circulation Regimes and Cloud Formation **Parmentier:** Clouds and Hazes in Hot Jupiters.	**Bonnefoy:** Clouds in Directly Imaged Exoplanets. **Apai:** Cloud Decks in Brown Dwarfs and Exoplanets
12:15-4:00		**Extended Lunch break / hiking**	**Extended Lunch break / hiking**	**Extended Lunch break / hiking**	**Extended Lunch break / hiking**	**Lunch; Departure by 3pm**
4:00-5:15	**Arrival (School opens 3pm)**	**Helling:** Cloud Models/ Microphysics	**Del Genio:** Clouds in Earth and Venus	**Keating, Komacek, Molaverdikhani Diamond-Lowe** (Contributed talks, each 10+5 mins)	**Charnay, Lew, Rameau, Ohno** (Contributed talks, each 10+5 mins)	School buildings closed
5:15-5:45		**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	
5:45-7:00		**Helling:** Activity	**Del Genio:** Activity	**Zerkle:** Geochem. Evidence on haze on the early Earth. **Stam:** Polarization as a tool for atmospheric characterization	**Kreidberg:** Clouds/hazes in small transiting planets. **Vuitton:** Laboratory studies of haze formation: Titan/hot exoplanets	
7:00-8:300	**Dinner**	**Welcome Drinks and Dinner**	**Dinner**	**Dinner**	**Dinner**	
9:00-10:00	Informal Discussion Icebreaker	Informal Discussion based on participant's research	Informal Discussion based on participant's research	Informal Discussion based on participant's research	Informal Discussion based on participant's research	

Lecturers	**Anthony del Genio:** The Physics of Cloud and Hazes in Earth and Venus
(1h15m + 1h15m)	**Christiane Helling:** Comparisons of Cloud Models and Cloud Microphysics in Extrasolar Planets/Brown Dwarfs
Lecture + activity	**Mark Marley :** Radiative Transfer and Chemistry Models for Directly Imaged Exoplanets and Brown Dwarfs
	Victoria Meadows: Connections between clouds, planetary habitability, and clouds' impact on biosignature detection in exoplanets
Invited Speakers	**Daniel Apai:** Cloud Cover in Directly Imaged Exoplanets and Brown Dwarfs
25+10 minutes	**Mickael Bonnefoy:** Observations of Clouds in Directly Imaged Exoplanets
	Nicolas Iro: Circulation Regimes and Cloud Formation for Extrasolar Planets
	Patrick Irwin: Clouds in Jupiter and Saturn and Retrievals of Cloud Properties in Solar System Planet (45+10 minutes)
	Cornelia Jaeger: Condensation and Condensation Experiments
	Laura Kreidberg: Clouds and Hazes in Small Planets
	Vivien Parmentier: Clouds and Hazes in Hot Jupiters
	Daphne Stam: Polarization as a tool for characterizing clouds in Solar System and exoplanets
	Veronique Vuitton: Haze Formation in Titan and Hot Exoplanets and Related Experiments
	Aubrey Zerkle: Geochemical evidence on haze on the early Earth and its impact on evolution of early life