

Satellite meeting: Origin of the moon – challenges and prospects

Organised by Professor David Stevenson FRS and Professor Alex Halliday FRS - The Royal Society at Chicheley Hall: home of the Kavli Royal Society International Centre

Wednesday 25 – Thursday 26 September 2013

DAY 1				DAY 2			
SESSION 1		SESSION 2		SESSION 3		SESSION 4	
09.00	Welcome by Royal Society & lead organiser						
09.05	Introduction by discussion leader David Stevenson	13.30	Introduction by discussion leader - Alex Halliday	09.00	Introduction by discussion leader David Stevenson	13.30	Introduction by discussion leader – Alex Halliday
09.15	Bill Hartman Giant impact origin of the moon – forty years on	13.40	Mark Wieczorek Geophysical constraints on lunar composition and origin	09.10	Hidenori Genda N-body and SPH simulations of the formation of the terrestrial planets and moon	13.40	David Rubie Oxygen isotope evolution during accretion of the terrestrial planets
09.45	Discussion	14.10	Discussion	09.40	Discussion	14.10	Discussion
09.55	Martin Jutzi How many impacts to form the moon?	14.20	Mahesh Anand Understanding the origin and evolution of water in the moon through lunar sample studies	09.50	Julien Salmon Modeling the accretion of the moon from the protolunar disk	14.20	Rich Walker Siderophile element constraints on the origin of the moon
10.25	Discussion	14.50	Discussion	10.20	Discussion	14.50	Discussion
10.35	Coffee	15.00	Tea	10.30	Coffee	15.00	Tea
11.10	Jack Wisdom Coupled thermal-orbital evolution of the early Earth-Moon system	15.30	James Day Zinc isotope constraints on lunar formation	11.10	Kaveh Pahlevan Isotopic constraints on physical models	15.30	Panel discussion
11.40	Discussion	16.00	Discussion	11.40	Discussion		
11.50	Francis Albarede Water and volatile elements in the Moon	16.10	Short introduction on posters followed by poster session	11.50	Bernard Marty Volatile elements in earth and moon	16.00	Panel discussion
		17.20	Close				
12.20	Discussion	18.15	Pre-dinner drinks	12.20	Discussion	16.30	CLOSE
12.30	LUNCH	18:30	DINNER	12.30	LUNCH		

