

Origin of the Moon 23 – 24 September 2013, Organised by Professor David Stevenson FRS and Professor Alex Halliday FRS

DAY 1				DAY 2			
SESSION 1 Chair Carl Murray		SESSION 2		SESSION 3		SESSION 4	
09.00	Welcome by Julie Maxton & lead organiser	Chair Herbert Palme		Chair Bernie Wood		Chair Colin Pillinger	
09.05	David Stevenson Reassessing the giant impact & its alternatives	13.30	Alex Halliday Earth-moon isotopic similarities & differences	09.00	Tim Elliott Implications of isotopic similarities between the Earth and Moon	13.30	Lindy Elkins-Tanton Magma Oceans & the Origin of the Lunar Highlands
09.30	Discussion	13.55	Discussion	09.25	Discussion	13.55	Discussion
09.45	Alessandro Morbidelli Giant impacts in the context of terrestrial planet formation	14.10	Nicolas Dauphas Are the Earth and Moon isotopic twins?	09.40	Norm Sleep Terrestrial aftermath of Moon-forming impact	14.10	Maria Zuber GRAIL & lunar gravity
10.10	Discussion	14.35	Discussion	10.05	Discussion	14.35	Discussion
10.25	Coffee	14.50	Tea	10.20	Coffee	14.50	Tea
10.50	Robin Canup Moon-forming impact scenarios	15.15	Hugh O'Neill Estimating the compositions of the Earth and the Moon	10.50	H. Jay Melosh New Approaches to the Moon's Isotopic Crisis	15.15	Ian Crawford Lunar Exploration: Opening a Window into the History and Evolution of the Solar System
11.15	Discussion	15.40	Discussion	11.15	Discussion	15.40	Discussion
11.30	Sarah T Stewart A sequence of giant impacts leading to the origin of the Earth and Moon	15.55	Rick Carlson Age of the Lunar Crust: Implications for the Time of Moon Formation	11.30	Sara Russell The Composition of the Lunar Magma Ocean- Evidence for heterogeneity?	15.55	Sean Solomon How does the ongoing exploration of Mercury inform our understanding of the Moon?
11.55	Discussion	16.20	Discussion	11.55	Discussion	16.20	Discussion
12.10	Bill Ward Evolution of the Protolunar Disk	16.35	Alberto Saal Hydrogen Isotopes in Lunar Volcanic Glasses implications of their Terrestrial heritage	12.10	Panel discussion/Overview	16.35	Panel discussion/Overview
12.35	LUNCH	17.00	CLOSE	12.35	LUNCH	17.00	CLOSE