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The Legacy of Apollo – Nick Howes

The Apollo Program (1963 - 1972) was designed to land humans on the Moon and bring them safely back to Earth. Six of the missions (Apollos 11, 12, 14, 15, 16, and 17) achieved this goal. Apollos 7 and 9 were Earth orbiting missions to test the Command and Lunar Modules and did not return lunar data.

What did the Apollo missions give to humankind, and how did they come about?

What have we learnt in 50 years since humankind first left the bounds of low Earth orbit?

Using original parts of the Apollo spacecraft and missions, Nick Howes takes us on an entertaining journey through these and other thought provoking questions.

NICK HOWES

Nick Howes is the Director of Aerolite Meteorites in Europe as well as an outreach astronomer working with the Kielder Observatory in the UK and freelance science author whose work has included science writer for the European Space Agency Science Portal and NASA/NASA Blueshift.

A Fellow of the Royal Astronomical Society, he has written for Astronomy U.S, Sky and Telescope, Popular Astronomy, Spaceflight and many other publications and websites, including major work for the world's largest telescope project, the Square Kilometre Array. He has co-authored and consulted on 4 books on astronomy with Springer and Usborne.

His images of comets and asteroids have graced the NASA home pages on multiple occasions and have won awards and been featured by the like of National Geographic, The Times of London, Universe Today, Space.com, Financial Times and Discovery Channel Science as well as multiple books and peer reviewed journals.

He was from 2006 to 2014 the Pro-Am Programme Manager for the twin 2-metre Faulkes Telescopes, where he coordinated projects with the European Space Agency on their near Earth object program, ESO on massive star cluster observations and NASA's CIOC as well as projects with the U.S based Space Science and Planetary Science Institutes monitoring a range of comets. Currently Nick is also working as a research associate with the Lowell Observatory in Flagstaff on their LARI program, the 2-metre Liverpool Telescope in La Palma on cometary observations and the Italian CARA comet research group on dust measurements for cometary bodies.

Nick has over 430 NASA ADS citations for observational work on comets and asteroids, and is in the Guinness Book of records for leading a team of UK Astronomers in creating the World's largest image composite of the Moon taken by ground based observations.

A STEM ambassador in the UK, he has appeared on both BBC television and radio and he regularly features as the official astronomer for the BBC in the South West of England. He is also the tour leader for astronomy holidays in Africa and Oman and a consultant to the GEO Observatory in Andalucia, Spain.