

August 14, 2019

Press Release

maxon Australia inspiring future engineers.

Head of R&D and Astrophysicist, Dr Carlos Bacigalupo, presented Q&A to children at a Northern Sydney primary school.

Corporate social responsibility is an important aspect of maxon Australia's business. Beyond DC motors and drive systems, maxon recognises the importance of giving back to the community and the opportunity to inspire the future engineers, astrophysicists and designers of tomorrow. An engaging and lively Q&A session was held at a Primary School on Sydney's leafy Upper North Shore on 13 August. Dr Bacigalupo was asked questions such as what are wormholes? How did the moon get made? Will Earth ever hit the sun? Will the sun ever die? What does the moon feel like?

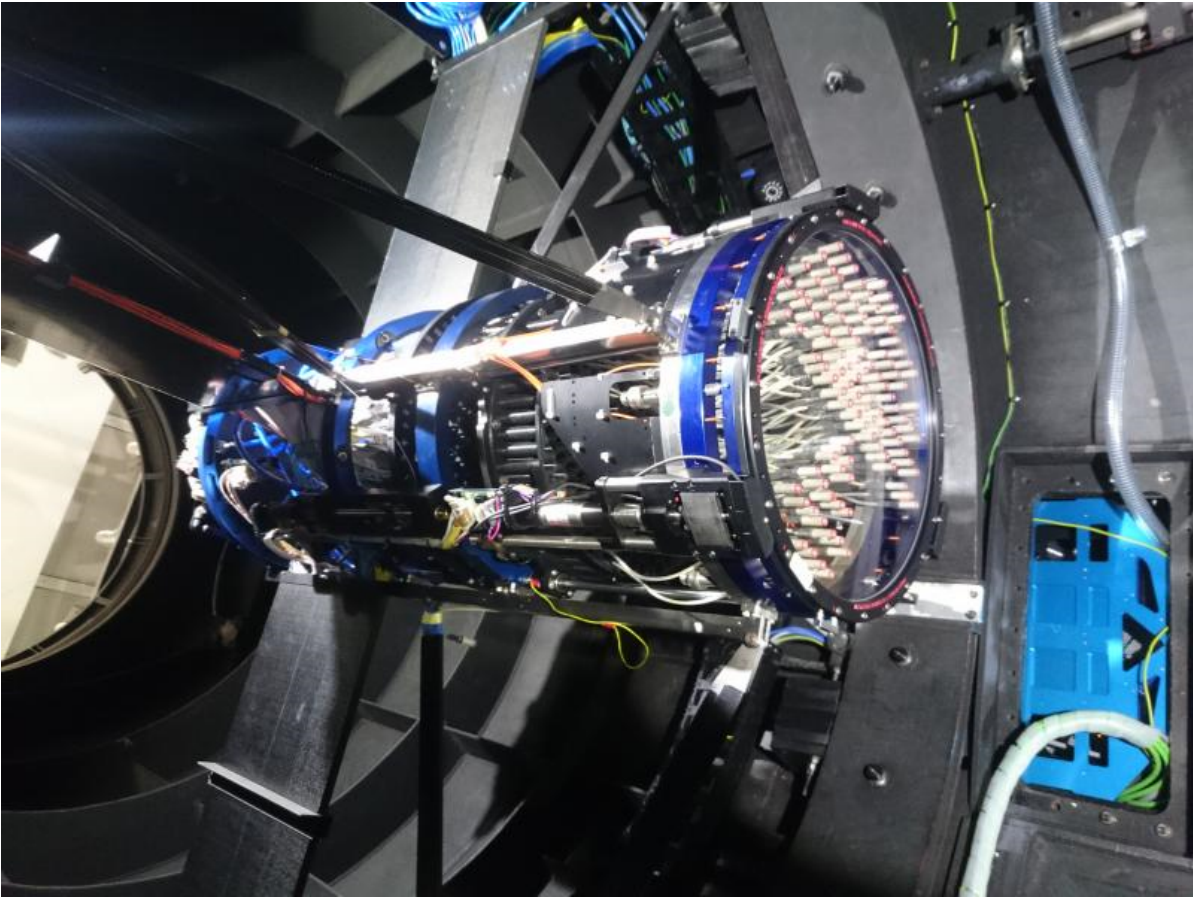
The future engineers showed a particular interest in the scale of the Universe and there was a lot to talk about! maxon Australia has contributed to the software development of the TAIPAN instrument aimed to measure the expansion rate of the Universe to unprecedented precision. This world class instrument also relies on maxon DC motors to perform high precision measurements of the motion of distant galaxies. The audience enthusiastically learned about the successful, and sometimes not so successful, milestones of the development process.

For Dr Bacigalupo, answering the more than 400 questions extracted from not only his knowledge of planets and all things space but also from maxon's involvement in the Aerospace industry, including the [Mars Rovers and various aerospace applications](#).

For further information please contact maxon Australia tel. +61 2 9457 7477.

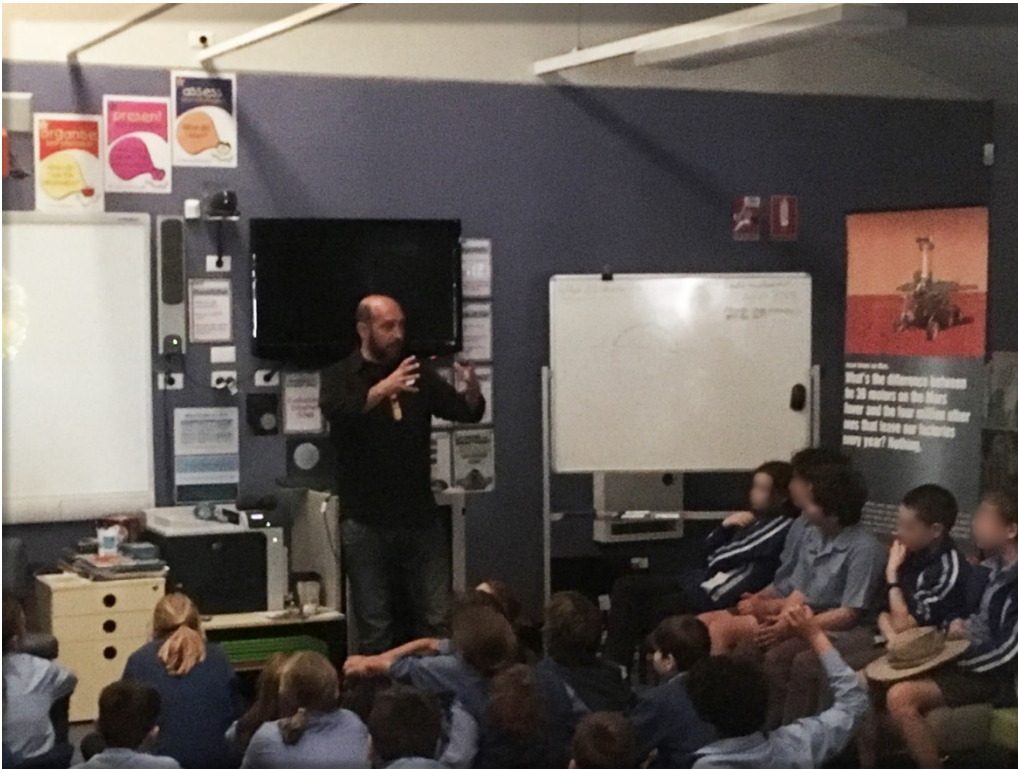
Length of this update: 250 words

The press release is available on the internet at: www.maxongroup.net.au



The TAI-PAN instrument aimed to measure the expansion rate of the Universe 2019 © maxon group





Above: Dr Carlos Bacigalupo presenting his talk, August 2019 © maxon group

Below: The Hubble Deep Field (HDF) is an image of a small region in the constellation Ursa Major – pic credit Robert Williams (NASA, ESA, STScI) image from <http://hubblesite.org/image/388/gallery>



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The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.