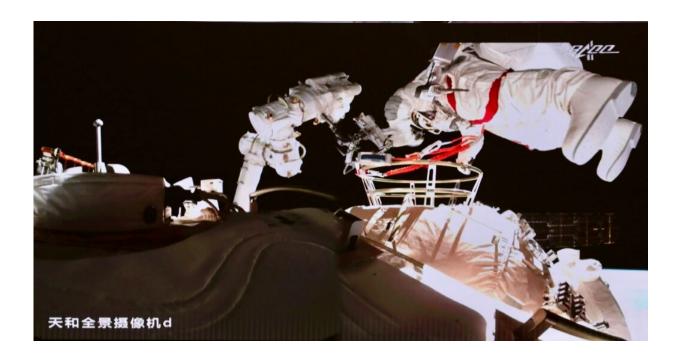


China's astronauts make spacewalk to upgrade robotic arm

August 20 2021



The foray is part of China's heavily promoted space programme which has already seen the nation land a rover on Mars and send probes to the moon.

Chinese astronauts edged into space on Friday to add the finishing touches to a robotic arm on the Tiangong space station.

The foray, the second spacewalk in two months and relayed on state television, is part of China's heavily promoted <u>space</u> programme which has already seen the nation land a rover on Mars and send probes to the



moon.

In June, three crew arrived at the station, where they are set to remain in space for a total of three months in China's longest crewed mission to date.

On Friday, astronauts Nie Haisheng and Liu Boming successfully exited the Tianhe core module to install foot stops and a workbench on the station's <u>robotic arm</u>, said the China Manned Space Agency in a statement.

Video footage showed the astronauts working outside the spacecraft while tethered to it with a long rope.

Their tasks also include working on a thermal unit and adjusting a panoramic camera, state broadcaster CCTV reported.

This marks only the third spacewalk for Chinese astronauts, after the first in 2008—when Zhai Zhigang made China the third country to complete a spacewalk after the Soviet Union and the United States.

The second took place in early July, when Liu and the third crew member Tang Hongbo left the station.

It is China's first crewed mission in nearly five years and a matter of huge prestige as the country marks the 100th anniversary of the ruling Communist Party.

© 2021 AFP

Citation: China's astronauts make spacewalk to upgrade robotic arm (2021, August 20) retrieved 28 April 2024 from <u>https://phys.org/news/2021-08-china-astronauts-spacewalk-robotic-arm.html</u>



This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.