

ASX Announcement ([ASX: AXE](#))

26 November 2021

Archer to collaborate with the Australian Institute for Machine Learning

Semiconductor company Archer Materials Limited (“Archer”, the “Company”, “[ASX: AXE](#)”) is pleased to announce that it has signed a non-binding memorandum of understanding (“MOU”) with The University of Adelaide. By signing the MOU the Company has entered into a strategic relationship with the Australian Institute for Machine Learning (“[AIML](#)”) that will focus on advanced materials development, device fabrication and characterisation, and the development of quantum semiconductors relevant to Archer’s ¹²CQ chip technology.

Cooperation between Archer and AIML is intended to last 5 years and has broad scope, including:

- Prototyping and testing of Archer’s quantum semiconductor components and devices that could be integrated into use towards machine learning, artificial intelligence, computer vision and deep learning.
- Providing Archer access to talented scientists and researchers to carry out development work related to the Company’s ¹²CQ chip technology.
- Conducting collaborative research and development and undertaking research translation which may result in outcomes in the form of patents and journal articles.

Advanced materials, AI, and quantum technologies are all listed and identified as critical technologies of national interest by the Australian Government[†].

About AIML

The Australian Institute for Machine Learning is a research institute with world class laboratory facilities within The University of Adelaide, dedicated to research in machine learning. AIML’s strengths lie in machine learning methods and methods related to machine learning including artificial intelligence, computer vision, natural language processing, visual question and answering, and deep learning.

About The University of Adelaide

The University of Adelaide is a distinguished research-intensive university in South Australia, Australia, established in 1874 which offers high quality research, postgraduate and undergraduate degree programs with a range of educational and research activities.

About Archer

Archer is a technology company developing advanced semiconductor devices, including processor chips that are relevant to quantum computing. Archer is developing the ¹²CQ chip, a world-first qubit processor technology, that could allow for quantum computing powered mobile devices (‘QPMDs’). For more information, please view Archer’s [webinar](#) with IBM.

[†] <https://www.pmc.gov.au/resource-centre/domestic-policy/list-critical-technologies-national-interest>

The Board of Archer authorised this announcement to be given to ASX.

General Enquiries

Mr Greg English
Executive Chairman

Dr Mohammad Choucair
Chief Executive Officer
Tel: +61 8 8272 3288

Media Enquiries

Mr James Galvin
Communications Officer
Email: hello@archerx.com.au

For more information about Archer's activities, please visit our:

Website:

<https://archerx.com.au/>

Twitter:

<https://twitter.com/archerxau>

YouTube:

<https://bit.ly/2UKBBmG>

Sign up to our Newsletter:

<http://eepurl.com/dKosXI>