



ASX Announcement

BrainChip Appoints Dr Simon J. Thorpe to Scientific Advisory Board

Company moves to reconstitute its Scientific Advisory Board

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- SAB Chair and the Board of Directors Unanimously Support the Appointment
 - SAB to provide technical and scientific advisory service to the Company
 - SAB transitions from basic research to applied research for application specific requirements
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Aliso Viejo, California – 4 May 2020 – [BrainChip Holdings Ltd](#) (ASX: BRN), a leading provider of ultra-low power, high performance AI technology announced that the Company has appointed Dr Simon J. Thorpe to its Scientific Advisor Board. Dr Thorpe provides decades of insight in the area of event-based processing and hardware implementation.

The Scientific Advisory Board has a Charter to provide independent advice and expert consultation, with respect to scientific and technical aspects related to the short and long term commercial goals of BrainChip. The Scientific Advisory Board also reviews and evaluates the research and development programs of BrainChip with respect to quality and scope to provide inputs to the Board and management.

Dr Adam Osseiran, Chair of the BrainChip Scientific Advisory Board and former member of the board of directors commented, “Dr Thorpe’s long history and deep knowledge of spiking neural networks are well known. As a founder of SpikeNet and close association with BrainChip, Simon will be an invaluable contributor to the Company’s future technology development.”

Peter AJ van der Made commented, “We congratulate Dr Thorpe on his appointment to the BrainChip Scientific Advisory Board and we are looking forward to a beneficial collaboration which furthers our mission to establish BrainChip as the leading edge AI company. Our Akida™ intellectual property and device represent a first-in-kind-solution for edge AI applications that require ultra-low power, a high level of integration and benefit from our unique ability to learn incrementally without retraining a neural network in the cloud or data center.”

Dr Thorpe added, “BrainChip shares my 30-year old passion for Spike-based computing. The use of spikes allows the development of ultra-low-power hardware with low cost and minimal die area. It also allows the introduction of features, including unsupervised learning,

that are not possible with alternative technologies. I am delighted to join the Scientific Advisory Board of the Company and work with its Chair, Adam Osseiran, the Board of Directors, Peter van der Made and the management team to fulfill this mission.”

Dr Thorpe Studied Physiology and Psychology at Oxford with a 1st Class honours degree in 1977 and stayed on in the Department of Experimental Psychology for a doctorate with Edmund Rolls (1981). He spent one year in Canada with Max Cynader at Dalhousie University (Isaac Killam Walton Fellowship) before joining Michel Imbert's lab in Paris in 1982. Dr Thorpe was recruited as a CNRS researcher in 1983 and moved to Toulouse in 1993 as a founding member of the CerCo (Brain and Cognition Research Center). He has been the CerCo's director since 2014, and is also director of the Toulouse Mind & Brain Institute (TMBI).

This announcement is authorised for release by the BRN Board of Directors.

About BrainChip Holdings Ltd (ASX: BRN)

BrainChip is a global technology company that has developed a revolutionary advanced neural networking processor that brings artificial intelligence to the edge in a way that existing technologies are not capable. The solution is high performance, small, ultra-low power and enables a wide array of edge capabilities that include inference and incremental learning. The company markets an innovative event-based neural network processor that is inspired by the spiking nature of the human brain and implements the network processor in an industry standard digital process. By mimicking brain processing, BrainChip has pioneered an event domain neural network processor, called Akida™, which is both scalable and flexible to address the requirements in edge devices. At the edge, sensor inputs are analyzed at the point of acquisition rather than transmission to the cloud or a data center. The Akida neural processor is designed to provide a complete ultra-low power Edge AI network processor for vision, audio and smart transducer applications. The reduction in system latency provides faster response and a more power efficient system that can help reduce the large carbon footprint of data centers.

Additional information is available at <https://www.brainchipinc.com>

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